



Academic Programs Committee of Council

University Course Challenge

Scheduled posting: December 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 Agriculture and Bioresources
College of Arts and Science
College of Education
College of Graduate and Postdoctoral Studies
College of Law
College of Pharmacy and Nutrition
Edwards School of Business

Approval: Date of circulation: December 14, 2020
 Date of effective approval if no challenge received: December 31, 2020

Next scheduled posting:

The next scheduled posting will be January 14, 2021, with a submission deadline **January 12, 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 Office of the University Secretary.

College of Agriculture and Bioresources, Submission to December 2020 University Course Challenge

The following curricular revisions were approved by the College of Agriculture & Bioresources Undergraduate Affairs Committee on October 21 and November 16, 2020.

Department of Agriculture and Resource Economics

Changes to Course Prerequisites, Numbers, Titles, and Descriptions

AREC 272.3 — 2(3L)

Introduction to Agricultural Economics

In this second-year course students will begin to apply economic theory to anticipate and address the unique and often challenging situations that agribusiness firms often face in agriculture and food markets. The applied economic models will incorporate economic theory related to risk, imperfect competition, welfare economics, environmental externalities and asymmetric information. Students will learn how to apply these economic models through readings, lectures, simulation exercises, and numerous assignments.

~~Demonstrates the practical application of the economic theory and technique developed in previous courses. On-going and published research is used to teach the step-by-step process of using economic theory to understand and analyze issues with which the discipline concerns itself. In addition, current issues and policies are selected to guide students through the process of translating an economic problem into a researchable question. Students will participate by defining their own research questions, selecting the appropriate theoretical framework, finding data appropriate to conducting an analysis, doing a simple empirical analysis, summarizing results and discussing implications of their research in the form of a paper, an assignment, an in-class presentation, and/or an evaluation and analysis of a current issue.~~

Prerequisite(s): ECON 111 and AGRC 113 or permission of the instructor.

Note: Students with credit for AGECE 272 or BPBE 272 cannot take this course for credit.

Rationale: The change to the course description better reflects the course content.

AREC 315.3 — 1(3L-2P)

Application of Microeconomic Theory to Agriculture

A calculus-based treatment of microeconomic theory as it applies to optimal resource allocation in agriculture, individual consumer choice, and the behaviour of competitive markets.

Prerequisite(s): ~~ECON 211~~; MATH 104 or 110 or 121 or 125; AREC 272.

Note: Students with credit for AGECE 315 or BPBE 315 cannot take this course for credit.

Rationale: ECON 211 will be removed as a required course from the B.Sc. Agribusiness degree program, so it is also being removed as a prerequisite for this course.

AREC ~~320~~ 222.3: Introduction to Farm Business Management

The analysis and interpretation of farm business financial statements and the use of this information in planning future farm business decisions. Other subjects include machinery economics, individual enterprise analysis, capital investment analysis and succession planning.

Weekly hours: 3 Lecture hours and 2 Practicum/Lab hours

~~Restriction(s): Not open to students in the BSA (AGEC) Program or in the BSCAGB Program~~

Prerequisite(s): Successful completion of ~~60~~ 27 credit units of university level courses or permission of the instructor

Note: Students with credit for BPBE 62, AGECE 320 or BPBE 320 will not receive credit for this course.

Rationale: The course number change from AREC 320 to AREC 222 aligns with the course sequencing scheme adopted by the department. The removal of the registration restriction will allow students in the B.Sc. Agribusiness program to take this course, and the change to the prerequisite reflects the academic preparation necessary to succeed in the course.

AREC ~~330~~ 238.3 — 2(3L)

~~Land~~ **Natural Resource Economics**

A study of natural resource economics with emphasis on environmental economics, measurement of non-market goods, project evaluation, issues in urban and rural land use, and conservation. Policy problems related to the foregoing will be examined.

Prerequisite(s): ~~ECON 211 or 213~~, AGRC 113 or ECON 111

Note: Students with credit for AGECE 330 or BPBE 330 cannot take this course for credit.

Rationale: The number change from AREC 330.3 to AREC 238.3 helps to establish a resource economics course numbering sequence. The prerequisites have been changed to reflect the academic preparation necessary for success in this course.

AREC 322.3 — 2(3L-2P)

Agricultural ~~Business Investment Analysis~~ Finance and Risk

An introduction to investment feasibility analysis, business finance, and risk theory. Considerable attention is given to developing spreadsheet applications including investment feasibility analysis, bid price models, machine replacements, leasing versus buying and business portfolio/diversification applications.

Prerequisite(s): COMM 201; ~~COMM 203~~

Prerequisite(s) or Corequisite(s): COMM 203

Note: Students with credit for AGECE 322 or BPBE 322 cannot take this course for credit.

Rationale: Allowing students to take COMM 203 as a corequisite, rather than a prerequisite, will allow students more flexibility in course scheduling and reduce the number of prerequisite override requests. The course title change better reflects the focus of the course.

AREC 347.3 — 1(3L)

Agribusiness Marketing Management

Focuses on the role of the agri-marketing manager as a decision maker who is often responsible for formulating strategic marketing plans. Topics include the agricultural and agribusiness marketing environment, ~~selecting market targets for products/services, and the development of marketing plans~~ managing customer heterogeneity, managing competitive responses to marketing activities, and allocation of resources among marketing activities. The marketing activities of Saskatchewan's agribusinesses will be examined.

Prerequisite(s): ~~AREC 343~~ or COMM 204 or permission of the instructor

Note: Students with credit for BPBE 74 or AGECE 347 or BPBE 347 will not receive credit for this course.

Rationale: The changes to the course description and prerequisites better reflect the course content and academic preparation required for success.

AREC 354.3 — 2(3L)

Agribusiness Management Information Systems

This course offers students an introduction to management information systems (MIS) and their application to businesses within the agricultural sector. It provides an overview of ~~hardware, software and technologies that make possible the collection of financial and agronomic data useful its~~ MIS components and ~~its~~ their role in agribusiness management decisions. The emphasis is on quantitative economic decision analysis using spreadsheets. Students will be oriented to the tools and techniques used in ~~structuring an agribusiness management information system for different organizational structures and types of agribusiness operations~~ data-driven management science such as mathematical programming, probabilistic techniques, simulation and forecasting.

Prerequisite(s): Successful completion of 60 credit units, including COMM 201.3 ~~and 60 credit units~~

Note: Students with credit for BPBE 354 will not receive credit for this course.

AREC 356.3 — 2(3L)

The Economics of International Agribusiness

Provides an introduction to the international commercial policy and industrial environment within which international agribusiness operates and examines the business strategies available to firms to deal with the particular policy and commercial risks associated with international agribusiness.

Prerequisite(s): ~~ECON 211.3~~ and AREC 272.3 or permission of the instructor.

Note: Students with credit for BPBE 398 "Economics of International Agribusiness" or BPBE 356 will not receive credit for this course.

Rationale: ECON 211 will be removed as a required course from the B.Sc. Agribusiness degree program, so it is also being removed as a prerequisite for this course.

AREC 430.3 — 1(3L) ~~Advanced~~ Natural Resource Economics

Management and allocation of natural resources requires an understanding of the biophysical characteristics of resources, and the economics underlying decisions of resource users and society. This course will develop a series of tools to evaluate natural resource use from the management and policy perspective. The course will focus on renewable resources with some consideration of nonrenewable resources. Students will evaluate existing natural resource and environmental policy measures using the tools developed in the course.

Prerequisite(s): One of AREC ~~330~~ 238, ECON 275 or ECON 277, or permission of the instructor.

Note: Students with credit for AGECE 430 or BPBE 430 may not take this course for credit.

Rationale: This change to the prerequisite reflects the course number change from AREC 330 to AREC 238.

AREC 440.3 — 1(3L)

Agricultural Marketing Systems

Examines the agricultural marketing system from analytical and strategic perspectives. Analytical methods for assessing consumer demand are explored. Generic advertising, agricultural commodity grading systems and quality verification systems are discussed. The organization of supply chains is examined, including an exploration of the growth of contracting. The economic implications of various collective marketing structures are examined, including cooperatives and supply management marketing boards.

Prerequisite(s): **BPBE AREC** 315 and 342 or permission of the instructor

Note: Students with credit for AGEC 440 or BPBE 440 cannot take this course for credit.

RRM 312.3 — 2(3L)

Natural Resource Management and Indigenous Peoples

Explores the concepts, practices and issues associated with the management of land and resources by Canada's **Aboriginal Indigenous** peoples. By examining the premises underlying varying approaches to resource management, this course will examine **Aboriginal Indigenous** rights and management responsibility for fisheries, water resources, wildlife, forestry, parks and protected areas, and non-renewable resources. This course also examines the role of traditional/local ecological knowledge in resource management and impact assessment.

Prerequisite(s): 60 credit units or permission of the instructor.

Program Changes

Agribusiness

Bachelor of Science in Agribusiness - Honours [B.Sc.(Agbus.) Honours]

Year 1 - Fall Term (15 credit units)

- [AGRC 111.3](#) Discovery in Plant and Soil Sciences
- [ECON 111.3](#) Introductory Microeconomics

Choose 3 credit units from the following:

- [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

Choose 3 credit units from the following:

- [BIOL — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CHEM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GEOG 120.3](#) Introduction to Global Environmental Systems or [GEOG 125.3](#) Environmental Science and Society
- [GEOL — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PHYS — 100-Level, 200-Level, 300-Level, 400-Level](#)

Choose 3 credit units from the following:

Humanities, Social Sciences, and Fine Arts Requirement

~~Note: ECON courses are excluded from the list of acceptable Social Sciences courses.~~

Humanities

- [CHIN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CLAS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CREE — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ECON — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ENG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [FREN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GERM — 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](#)
- [INTS — 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](#)
- [LIT — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PHIL — 100-Level, 200-Level, 300-Level, 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](#)
- [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](#)
- Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.
- MUS 111 is acceptable toward the Humanities requirement.

Social Sciences

- [ANTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARCH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GEOG 130.3 Environment Health and Planning](#)
- [INDG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [IS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [LING — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PLAN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [POLS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PSY — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOSC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [WGST — 100-Level, 200-Level, 300-Level, 400-Level](#)

Any senior-level social science course, provided the prerequisite is met. Please note that certain GEOG courses are considered Science courses. Refer to the Class Search.

Statistics courses in social sciences are not accepted for credit toward the Social Science Requirement (eg. ECON 204, PSY 233, PSY 234, SOC 225 and SOC 325).

Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.

Fine Arts

- [ART — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [DRAM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [MUS — 100-Level, 200-Level, 300-Level, 400-Level](#)

Year 1 - Winter Term (15 credit units)

- [AGRC 112.3](#) Animal Agriculture and Food Science
- [AGRC 113.3](#) Agri Food Issues and Institutions
- [ECON 114.3](#) Introductory Macroeconomics

Choose 3 credit units from the following:

- [BIOL — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CHEM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GEOG 120.3](#) Introduction to Global Environmental Systems or [GEOG 125.3](#) Environmental Science and Society
- [GEOL — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PHYS — 100-Level, 200-Level, 300-Level, 400-Level](#)

Choose 3 credit units from the following:

Humanities, Social Sciences, and Fine Arts Requirement

~~Note: ECON courses are excluded from the list of acceptable Social Sciences courses.~~

Humanities

- [CHIN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CLAS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CREE — 100-Level, 200-Level, 300-Level, 400-Level](#)
- ~~[ECON — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- [ENG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [FREN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GERM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [HEB — 100-Level, 200-Level, 300-Level, 400-Level](#)
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- [HNDI — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [INTS — 100-Level, 200-Level, 300-Level, 400-Level](#)
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- [UKR — 100-Level, 200-Level, 300-Level, 400-Level](#)
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- MUS 111 is acceptable toward the Humanities requirement.

Social Sciences

- [ANTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARCH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GEOG 130.3](#) Environment Health and Planning
- [INDG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [IS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [LING — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PLAN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [POLS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PSY — 100-Level, 200-Level, 300-Level, 400-Level](#)

- [SOC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOSC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [WGST — 100-Level, 200-Level, 300-Level, 400-Level](#)

Any senior-level social science course, provided the prerequisite is met. Please note that certain GEOG courses are considered Science courses. Refer to the Class Search.

Statistics courses in social sciences are not accepted for credit toward the Social Science Requirement (eg. ECON 204, PSY 233, PSY 234, SOC 225 and SOC 325).

Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.

Fine Arts

- [ART — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [DRAM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [MUS — 100-Level, 200-Level, 300-Level, 400-Level](#)

Rationale: Allowing students in the B.Sc. Agribusiness Honours program to take ECON courses towards the social sciences/humanities/fine arts requirement will allow them to take additional Economics courses if they wish to pursue further study in this area.

Year 2 (30 credit units)

- [AREC 272.3](#) Introduction to Agricultural Economics
- [COMM 101.3](#) Introduction to Business
- [COMM 203.3](#) Introduction to Finance
- [COMM 204.3](#) Introduction to Marketing
- [ECON 211.3](#) Intermediate Microeconomics

Note: Students in this program may be required to take [ECON 211.3](#) Intermediate Economics to meet upper year course requirements.

- [MATH 104.3](#) Elementary Calculus or [MATH 110.3](#) Calculus I or [MATH 121.3](#) Mathematical Analysis for Business and Economics or [MATH 125.3](#) Mathematics for the Life Sciences
- [PLSC 214.3](#) Statistical Methods or [STAT 245.3](#) Introduction to Statistical Methods
- [RCM 300.3](#) Effective Professional Communication

Note: If you excel in mathematics ~~and wish to be challenged~~, you are encouraged to take [MATH 110.3](#) Calculus I rather than [MATH 104.3](#) Elementary Calculus

Open Electives

Choose 6 credit units of Open Electives.

Note: Students in this program must take [ECON 214.3](#) Intermediate Macroeconomics as an open or restricted elective prior to taking [ECON 408.3](#) Econometrics 1.

Years 3 and 4 (60 credit units)

- [AREC 315.3](#) Application of Microeconomic Theory to Agriculture
- [AREC 322.3](#) Agricultural Business Investment Analysis Finance and Risk
- [AREC 342.3](#) Industrial Organization of Agricultural Markets
- [AREC 343.3](#) Grain and Livestock Marketing
- [AREC 347.3](#) Agribusiness Marketing Management
- [AREC 361.3](#) Intermediate Statistics and Decision Making and [AREC 461.3](#) Agricultural Commodity Analysis or [ECON 304.3](#) Introduction to Empirical Economics and [ECON 408.3](#) Econometrics 1
- [AREC 494.6](#) Research and Technical Writing Honours Thesis
- [AREC 495.3](#) Agribusiness Venture Management or [AREC 428.3](#) Case Studies in Agribusiness Management

- [COMM 201.3](#) Introduction to Financial Accounting
- [MATH 164.3](#) Introduction to Linear Algebra

Open Electives

Choose 6 credit units of Open Electives.

Note: Students in this program must take [ECON 214.3](#) Intermediate Macroeconomics as an open or restricted elective prior to taking [ECON 408.3](#) Econometrics 1.

Restricted Electives

Choose 18 credit units restricted electives from the following: 12 of the 18 credit units must be AREC 400-level.

- [AREC 220.3](#) History of Indigenous Agriculture in Canada
- [AREC 230.3](#) Innovation and Entrepreneurship
- [AREC 251.3](#) Introduction to Agricultural Policy
- [AREC 254.3](#) Agribusiness Taxation
- ~~[AREC 330.3](#)~~ [238.3](#) ~~Natural Land~~ Resource Economics
- [AREC 344.3](#) Follow the Grain
- [AREC 346.3](#) Principles of Selling
- [AREC 354.3](#) Agribusiness Management Information Systems
- [AREC 356.3](#) The Economics of International Agribusiness (can be used as an AREC 400-level restricted elective)
- [AREC 395.3](#) Creative Thinking and the Entrepreneurial Process
- [AREC 400.3](#) Entrepreneurial Leadership Leading Development Change and Growth in New Business
- [AREC 420.3](#) Operations Management for Agriculture
- [AREC 428.3](#) Case Studies in Agribusiness Management
- [AREC 430.3](#) Natural Resource Economics
- [AREC 432.3](#) Rural Development Theory and Applications
- [AREC 433.3](#) Methods of Rural Analysis Theory and Application
- AREC 434.3
- [AREC 435.3](#) Agricultural Finance and Appraisal
- [AREC 440.3](#) Agricultural Marketing Systems
- [AREC 445.3](#) Competition Regulation and Antitrust Theory and Applications
- [AREC 451.3](#) Agricultural Problems and Policies
- [AREC 459.3](#) The Economics of Agricultural Innovation
- [AREC 495.3](#) Agribusiness Venture Management
- [COMM 105.3](#) Introduction to Organizational Behaviour
- [COMM 210.3](#) Introduction to Management Accounting
- [COMM 304.3](#) Introduction to Business Law
- [COMM 340.3](#) Introduction to International Business
- [COMM 342.3](#) Organization Structure and Design
- [COMM 345.3](#) Business and Public Policy
- [COMM 347.3](#) Aboriginal Business in Canada
- [COMM 354.3](#) Consumer Behaviour
- [COMM 357.3](#) Marketing Research
- [COMM 363.3](#) Intermediate Corporate Finance
- [COMM 368.3](#) Entrepreneurial Finance and Venture Capital
- [COMM 456.3](#) International Marketing
- [ECON 214.3](#) Intermediate Macroeconomics
- [RCM 400.3](#) Rhetorical Theory and Practice of Persuasion

- [RCM 401.3](#) Oral Rhetoric
- [RCM 402.3](#) Interpersonal Communication and Rhetoric
- [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 495.3](#) Rhetorical Peer Mentorship
- [RRM 312.3](#) Natural Resource Management and Indigenous Peoples

Note: Students in the AgBus B. Sc. Honours program will be required to take Econ 214.3 as an open or restricted elective prior to taking [ECON 408.3](#) Econometrics 1.

Agribusiness

Bachelor of Science in Agribusiness [B.Sc. (Agbus.)]

Minimum Requirements for Degree (120 credit units)

Year 1 – ~~Fall Term (15 credit units)~~ (30 credit units)

- [AGRC 111.3](#) Discovery in Plant and Soil Sciences
- [AGRC 112.3](#) Animal Agriculture and Food Science
- [AGRC 113.3](#) Agri Food Issues and Institutions
- [COMM 101.3](#) Introduction to Business
- [ECON 111.3](#) Introductory Microeconomics
- [ECON 114.3](#) Introductory Macroeconomics
- [MATH 104.3](#) Elementary Calculus or [MATH 110.3](#) Calculus I or [MATH 121.3](#) Mathematical Analysis for Business and Economics or [MATH 125.3](#) Mathematics for the Life Sciences

Note: If you excel in mathematics and wish to be challenged, you are encouraged to take MATH 110.3 Calculus I rather than MATH 104.3 Elementary Calculus

Choose 3 credit units from the following:

- [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

Choose 3 credit units from the following:

- [BIOL – 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CHEM – 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GEOG 120.3](#) Introduction to Global Environmental Systems or [GEOG 125.3](#) Environmental Science and Society
- [GEOL – 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PHYS – 100-Level, 200-Level, 300-Level, 400-Level](#)

Choose 3 credit units from the following:

Humanities, Social Sciences, and Fine Arts Requirement

Note: ~~ECON courses are excluded from the list of acceptable Social Sciences courses.~~

Humanities

- [CHIN – 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CLAS – 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CREE – 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ECON – 100-Level, 200-Level, 300-Level, 400-Level](#)

- [ENG — 100-Level, 200-Level, 300-Level, 400-Level](#)
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- [GERM — 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](#)
- [INTS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [JPNS — 100-Level, 200-Level, 300-Level, 400-Level](#)
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- [PHIL — 100-Level, 200-Level, 300-Level, 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](#)
- [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](#)
- Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.
- MUS 111 is acceptable toward the Humanities requirement.

Social Sciences

- [ANTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARCH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GEOG 130.3](#) Environment Health and Planning
- [INDG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [IS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [LING — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PLAN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [POLS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PSY — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOSC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [WGST — 100-Level, 200-Level, 300-Level, 400-Level](#)

Any senior-level social science course, provided the prerequisite is met. Please note that certain GEOG courses are considered Science courses. Refer to the Class Search.

Statistics courses in social sciences are not accepted for credit toward the Social Science Requirement (eg. ECON 204, PSY 233, PSY 234, SOC 225 and SOC 325).

Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.

Fine Arts

- [ART — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [DRAM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [MUS — 100-Level, 200-Level, 300-Level, 400-Level](#)

Year 1 — Winter Term (15 credit units)

Choose 3 credit units from the following:

- ~~[BIOL — 100 Level, 200 Level, 300 Level, 400 Level](#)~~
- ~~[CHEM — 100 Level, 200 Level, 300 Level, 400 Level](#)~~

- ~~GEOG 120.3 Introduction to Global Environmental Systems or GEOG 125.3 Environmental Science and Society~~
- ~~GEOG 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~PHYS 100 Level, 200 Level, 300 Level, 400 Level~~

Choose 3 credit units from the following:

Humanities, Social Sciences, and Fine Arts Requirement

Note: ECON courses are excluded from the list of acceptable Social Sciences courses.

Humanities

- ~~CHIN 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~CLAS 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~CREE 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~ENG 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~FREN 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~GERM 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~~
- ~~INTS 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~~
- ~~LIT 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~PHIL 100 Level, 200 Level, 300 Level, 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~~
- ~~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~~
- ~~Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.~~
- ~~MUS 111 is acceptable toward the Humanities requirement.~~

Social Sciences

- ~~ANTH 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~ARCH 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~GEOG 130.3 Environment Health and Planning~~
- ~~INDG 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~IS 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~LING 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~PLAN 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~POLS 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~PSY 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~SOC 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~SOSC 100 Level, 200 Level, 300 Level, 400 Level~~
- ~~WGST 100 Level, 200 Level, 300 Level, 400 Level~~

Any senior level social science course, provided the prerequisite is met. Please note that certain GEOG courses are considered Science courses. Refer to the Class Search.

Statistics courses in social sciences are not accepted for credit toward the Social Science Requirement (eg. ECON 204, PSY 233, PSY 234, SOC 225 and SOC 325).

~~Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.~~
~~Fine Arts~~

- ~~• [ART — 100 Level, 200 Level, 300 Level, 400 Level](#)~~
- ~~• [ARTH — 100 Level, 200 Level, 300 Level, 400 Level](#)~~
- ~~• [DRAM — 100 Level, 200 Level, 300 Level, 400 Level](#)~~
- ~~• [MUS — 100 Level, 200 Level, 300 Level, 400 Level](#)~~

Rationale: Moving COMM 101 and MATH 104/MATH 110/MATH 121/MATH 125 into first year ensures that students will have preparation for second year courses without disrupting course sequencing. Removing fall and winter term divisions gives students greater flexibility in planning their schedules. Allowing students in the B.Sc. Agribusiness program to take ECON courses towards the social sciences/humanities/fine arts requirement will allow them to take additional Economics courses if they wish to pursue further study in this area.

Year 2 (30 credit units)

- [AREC 222.3 Introduction to Farm Business Management](#)
- [AREC 272.3 Introduction to Agricultural Economics](#)
- ~~[COMM 101.3 Introduction to Business](#)~~
- [COMM 201.3 Introduction to Financial Accounting](#)
- [COMM 203.3 Introduction to Finance](#)
- [COMM 204.3 Introduction to Marketing](#)
- ~~[ECON 211.3 Intermediate Microeconomics](#)~~
- ~~[MATH 104.3 Elementary Calculus](#) or [MATH 110.3 Calculus I](#) or [MATH 121.3 Mathematical Analysis for Business and Economics](#) or [MATH 125.3 Mathematics for the Life Sciences](#)~~
- [PLSC 214.3 Statistical Methods](#) or [STAT 245.3 Introduction to Statistical Methods](#)
- [RCM 300.3 Effective Professional Communication](#)

~~Note: If you excel in mathematics and wish to be challenged, you are encouraged to take [MATH 110.3 Calculus I](#) rather than [MATH 104.3 Elementary Calculus](#)~~

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

- ~~• [BIOL — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- ~~• [CHEM — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- ~~• [GEOG 120.3 Introduction to Global Environmental Systems](#) or [GEOG 125.3 Environmental Science and Society](#)~~
- ~~• [GEOL — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- ~~• [PHYS — 100-Level, 200-Level, 300-Level, 400-Level](#)~~

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

~~Humanities, Social Sciences, and Fine Arts Requirement~~

~~Note: ECON courses are excluded from the list of acceptable Social Sciences courses.~~

~~Humanities~~

- ~~• [CHIN — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- ~~• [CLAS — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- ~~• [CREE — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- ~~• [ECON — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- ~~• [ENG — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- ~~• [FREN — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- ~~• [GERM — 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](#)
- [INTS — 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](#)
- [LIT — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PHIL — 100-Level, 200-Level, 300-Level, 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](#)
- [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](#)
- Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.
- MUS 111 is acceptable toward the Humanities requirement.

Social Sciences

- [ANTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARCH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GEOG 130.3 Environment Health and Planning](#)
- [INDG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [IS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [LING — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PLAN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [POLS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PSY — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOSC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [WGST — 100-Level, 200-Level, 300-Level, 400-Level](#)

Any senior-level social science course, provided the prerequisite is met. Please note that certain GEOG courses are considered Science courses. Refer to the Class Search.

Statistics courses in social sciences are not accepted for credit toward the Social Science Requirement (eg. ECON 204, PSY 233, PSY 234, SOC 225 and SOC 325).

Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.

Fine Arts

- [ART — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [DRAM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [MUS — 100-Level, 200-Level, 300-Level, 400-Level](#)

Open Electives

Choose **6 3** credit units of Open Electives.

Years 3 and 4 (60 credit units)

- [AREC 315.3](#) Application of Microeconomic Theory to Agriculture
- [AREC 322.3](#) Agricultural Business Investment Analysis Finance and Risk
- [AREC 342.3](#) Industrial Organization of Agricultural Markets
- [AREC 343.3](#) Grain and Livestock Marketing
- [AREC 347.3](#) Agribusiness Marketing Management

- [AREC 361.3](#) Intermediate Statistics and Decision Making
- [AREC 495.3](#) Agribusiness Venture Management or [AREC 428.3](#) Case Studies in Agribusiness Management
- ~~[COMM 201.3](#) Introduction to Financial Accounting~~

Open Electives

Choose ~~15~~ 18 credit units of Open Electives.

Restricted Electives

Choose 21 credit units of restricted electives ~~from the following~~, which may include an emphasis:

Note: Minimum 12 credit units must be at the 400-level. Maximum of 6 credit units of 400-level RCM classes may be taken to fulfill this requirement. Of the 21 cu of restricted electives, students may take a maximum of 6 cu of 400-level RCM classes OR [AGRC 445.3](#) Experiential Learning in the Workplace and 3 cu of 400-level RCM classes.

Please Choose Restricted Electives from the following:

Emphasis

Students may use their restricted electives to take courses to achieve a general level of knowledge in agribusiness and economics, or they can choose to take a more prescribed set of courses within the curriculum that gives them greater depth of knowledge in specific areas within agricultural economics and agribusiness management. To achieve this, students may choose one of three emphases as part of their restricted electives. An emphasis consists of five courses including one at the 200-level, two at the 300-level and two at the 400-level.

Farm Business Management

- AREC 230.3 Innovation and Entrepreneurship
- AREC 254.3 Agribusiness Taxation
- AREC 420.3 Operations Management for Agriculture
- AREC 435.3 Agricultural Finance and Appraisal
- AREC 451.3 Agricultural Problems and Policies
- COMM 211.3 Human Resource Management
- COMM 306.3 Ethics and Strategic Decision Making
- COMM 229.3 Personal Finance

Economics and Policy

- AREC 238.3 Natural Resource Economics
- AREC 251.3 Introduction to Agricultural Policy
- AREC 356.3 The Economics of International Agribusiness (can be used as an AREC 400-level restricted elective)
- AREC 445.3 Competition Regulation and Antitrust Theory and Applications
- AREC 451.3 Agricultural Problems and Policies
- AREC 459.3 The Economics of Agricultural Innovation
- ECON 211.3 Intermediate Microeconomics
- ECON 304.3 Introduction to Empirical Economics
- ECON 350.3 Economics of Public Expenditures
- ECON 354.3 International Trade and Commercial Policy
- ECON 373.3 Topics in Intermediate Microeconomic Theory
- ECON 412.3 Welfare Economics and General Equilibrium

- One of POLS 226.3 Canadian Public Policy; POLS 305.3 Provincial Politics and Policy; POLS 328.3 Public Policy Analysis

Agribusiness Marketing and Management

- AREC 230.3 Innovation and Entrepreneurship
- AREC 344.3 Follow the Grain
- AREC 346.3 Principles of Selling
- AREC 354.3 Agribusiness Management Information Systems
- AREC 356.3 The Economics of International Agribusiness (can be used as an AREC 400-level restricted elective)
- AREC 420.3 Operations Management for Agriculture
- AREC 428.3 Case Studies in Agribusiness Management or AREC 495.3 Agribusiness Venture Management
- AREC 440.3 Agricultural Marketing Systems
- COMM 205.3 Introduction to Operations Management
- COMM 211.3 Human Resource Management
- COMM 306.3 Ethics and Strategic Decision Making
- COMM 357.3 Marketing Research
- COMM 495.3 Supply Chain Management
- RCM 404.3 Leadership as Communication

Restricted Electives

Choose 21 credit units of restricted electives from the following, which may include an emphasis.

Note: Minimum 12 credit units must be at the 400-level. Maximum of 6 credit units of 400-level RCM classes may be taken to fulfill this requirement. Of the 21 cu of restricted electives, students may take a maximum of 6 cu of 400-level RCM classes OR AGRC 445.3 Experiential Learning in the Workplace and 3 cu of 400-level RCM classes.

- [AGRC 445.3](#) Experiential Learning in the Workplace
- [AREC 220.3](#) History of Indigenous Agriculture in Canada
- [AREC 230.3](#) Innovation and Entrepreneurship
- [AREC 251.3](#) Introduction to Agricultural Policy
- [AREC 254.3](#) Agribusiness Taxation
- [AREC ~~330.3~~ 238.3](#) Land Natural Resource Economics
- [AREC 344.3](#) Follow the Grain
- [AREC 346.3](#) Principles of Selling
- [AREC 354.3](#) Agribusiness Management Information Systems
- [AREC 356.3](#) The Economics of International Agribusiness (can be used as an AREC 400-level restricted elective)
- [AREC 395.3](#) Creative Thinking and the Entrepreneurial Process
- [AREC 400.3](#) Entrepreneurial Leadership Leading Development Change and Growth in New Business
- [AREC 420.3](#) Operations Management for Agriculture
- [AREC 428.3](#) Case Studies in Agribusiness Management
- [AREC 430.3](#) Natural Resource Economics
- [AREC 432.3](#) Rural Development Theory and Applications
- [AREC 433.3](#) Methods of Rural Analysis Theory and Application

- AREC 434.3
- [AREC 435.3](#) Agricultural Finance and Appraisal
- [AREC 440.3](#) Agricultural Marketing Systems
- [AREC 445.3](#) Competition Regulation and Antitrust Theory and Applications
- [AREC 451.3](#) Agricultural Problems and Policies
- [AREC 459.3](#) The Economics of Agricultural Innovation
- [AREC 495.3](#) Agribusiness Venture Management
- [COMM 105.3](#) Introduction to Organizational Behaviour
- [COMM 205.3](#) Introduction to Operations Management
- [COMM 210.3](#) Introduction to Management Accounting
- [COMM 211.3](#) Human Resource Management
- [COMM 229.3](#) Personal Finance
- [COMM 304.3](#) Introduction to Business Law
- [COMM 306.3](#) Ethics and Strategic Decision Making
- [COMM 340.3](#) Introduction to International Business
- [COMM 342.3](#) Organization Structure and Design
- [COMM 345.3](#) Business and Public Policy
- [COMM 347.3](#) Aboriginal Business in Canada
- [COMM 354.3](#) Consumer Behaviour
- [COMM 357.3](#) Marketing Research
- [COMM 363.3](#) Intermediate Corporate Finance
- [COMM 368.3](#) Entrepreneurial Finance and Venture Capital
- [COMM 456.3](#) International Marketing
- [COMM 495.3](#) Supply Chain Management
- [ECON 211.3](#) Intermediate Microeconomics
- [ECON 304.3](#) Introduction to Empirical Economics
- [ECON 350.3](#) Economics of Public Expenditures
- [ECON 354.3](#) International Trade and Commercial Policy
- [ECON 373.3](#) Topics in Intermediate Microeconomic Theory
- [ECON 412.2](#) Welfare Economics and General Equilibrium
- [One of POLS 226.3](#) Canadian Public Policy; [POLS 305.3](#) Provincial Politics and Policy; [POLS 328.3](#) Public Policy Analysis
- [RCM 400.3](#) Rhetorical Theory and Practice of Persuasion
- [RCM 401.3](#) Oral Rhetoric
- [RCM 402.3](#) Interpersonal Communication and Rhetoric
- [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 495.3](#) Rhetorical Peer Mentorship
- [RRM 312.3](#) Natural Resource Management and Indigenous Peoples

Rationale:

After reviewing feedback from students, faculty, and industry, the department of Agricultural and Resource Economics wishes to introduce informal emphases to help students who have interest in a

particular area or focus within agricultural business explore these interests. The emphases are optional and will allow students to fulfil the requirements for the degree, but also to take a focused set of courses that will better prepare them for a career in that particular area. The proposed concentrations are largely comprised of classes that are currently offered or are in the course catalogue (but may have not been taught for some time).

Agribusiness

Diploma, Dip.(Agbus.)

Year 1 - Fall Term (15 credit units)

- [AGRC 111.3](#) Discovery in Plant and Soil Sciences
- [COMM 101.3](#) Introduction to Business
- [ECON 111.3](#) Introductory Microeconomics

Choose 6 credit units of open electives:

Please note that students planning to ladder the Diploma in Agribusiness towards a Bachelor of Science in Agribusiness are advised to register in [MATH 104.3](#) Elementary Calculus (or an approved equivalent) as an open elective and [AREC 272.3](#) as a restricted or open elective and ~~[ECON 211.3](#) Intermediate Microeconomics as open electives~~ and meet with an advisor as soon as possible to plan their program.

Year 1 - Winter Term (15 credit units)

- [AGRC 112.3](#) Animal Agriculture and Food Science
- [AGRC 113.3](#) Agri Food Issues and Institutions
- [AREC 230.3](#) Innovation and Entrepreneurship
- [COMM 204.3](#) Introduction to Marketing

Choose 3 credit units of Open Electives:

Please note that students planning to ladder the Diploma in Agribusiness towards a Bachelor of Science in Agribusiness are advised to register in [MATH 104.3](#) Elementary Calculus (or an approved equivalent) as an open elective and [AREC 272.3](#) as a restricted or open elective and ~~[ECON 211.3](#) Intermediate Microeconomics as open electives~~ and meet with an advisor as soon as possible to plan their program.

Year 2 - Fall Term (15 credit units)

- ~~[AREC 320.3](#)~~ [222.3](#) Introduction to Farm Business Management
- [COMM 201.3](#) Introduction to Financial Accounting
- [RCM 300.3](#) Effective Professional Communication

Choose 3 credit units from the following restricted electives:

- [AREC 220.3](#) History of Indigenous Agriculture in Canada
- [AREC 251.3](#) Introduction to Agricultural Policy
- [AREC 254.3](#) Agribusiness Taxation
- [AREC 272.3](#) Introduction to Agricultural Economics
- [AREC 343.3](#) Grain and Livestock Marketing
- [AREC 344.3](#) Follow the Grain
- [AREC 346.3](#) Principles of Selling
- [AREC 347.3](#) Agribusiness Marketing Management
- [AREC 354.3](#) Agribusiness Management Information Systems
- [AREC 395.3](#) Creative Thinking and the Entrepreneurial Process
- [AREC 400.3](#) Entrepreneurial Leadership Leading Development Change and Growth in New Business

Choose 3 credit units of Open Electives:

Please note that students planning to ladder the Diploma in Agribusiness towards a Bachelor of Science in Agribusiness are advised to register in [MATH 104.3](#) Elementary Calculus (or an approved equivalent)

as an open elective and AREC 272.3 as a restricted or open elective and ~~ECON 211.3 Intermediate Microeconomics as open electives~~ and meet with an advisor as soon as possible to plan their program.

Year 2 - Winter Term (15 credit units)

- [AREC 495.3](#) Agribusiness Venture Management

Choose 9 credit units from the following restricted electives:

- [AREC 220.3](#) History of Indigenous Agriculture in Canada
- [AREC 251.3](#) Introduction to Agricultural Policy
- [AREC 254.3](#) Agribusiness Taxation
- [AREC 272.3](#) Introduction to Agricultural Economics
- [AREC 343.3](#) Grain and Livestock Marketing
- [AREC 344.3](#) Follow the Grain
- [AREC 346.3](#) Principles of Selling
- [AREC 347.3](#) Agribusiness Marketing Management
- [AREC 354.3](#) Agribusiness Management Information Systems
- [AREC 395.3](#) Creative Thinking and the Entrepreneurial Process
- [AREC 400.3](#) Entrepreneurial Leadership Leading Development Change and Growth in New Business

Choose 3 credit units of Open Electives:

Please note that students planning to ladder the Diploma in Agribusiness towards a Bachelor of Science in Agribusiness are advised to register in [MATH 104.3](#) Elementary Calculus (or an approved equivalent) as an open elective and AREC 272.3 as a restricted or open elective and ~~ECON 211.3 Intermediate Microeconomics as open electives~~ and meet with an advisor as soon as possible to plan their program.

Agribusiness

Minor

Requirements (18 credit units)

- [AREC 495.3](#) Agribusiness Venture Management or [AREC 428.3](#) Case Studies in Agribusiness Management
- [COMM 101.3](#) Introduction to Business
- [COMM 201.3](#) Introduction to Financial Accounting

Choose 9 credit units from the following:

- [AREC 230.3](#) Innovation and Entrepreneurship
- [AREC 251.3](#) Introduction to Agricultural Policy
- [AREC 254.3](#) Agribusiness Taxation
- ~~AREC 320.3~~ [AREC 222.3](#) Introduction to Farm Business Management
- ~~AREC 330.3~~ [AREC 238.3](#) Land and Natural Resource Economics
- [AREC 343.3](#) Grain and Livestock Marketing
- [AREC 344.3](#) Follow the Grain
- [AREC 346.3](#) Principles of Selling
- [AREC 347.3](#) Agribusiness Marketing Management
- [AREC 354.3](#) Agribusiness Management Information Systems
- [AREC 420.3](#) Operations Management for Agriculture
- [AREC 430.3](#) Natural Resource Economics
- [AREC 435.3](#) Agricultural Finance and Appraisal
- [AREC 445.3](#) Competition Regulation and Antitrust Theory and Applications
- [COMM 105.3](#) Introduction to Organizational Behaviour
- [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 303.3
- [COMM 304.3](#) Introduction to Business Law
- [COMM 352.3](#) Marketing Strategy
- [COMM 354.3](#) Consumer Behaviour
- [COMM 404.3](#) Business Law

Agricultural Economics

Bachelor of Science in Agriculture (B.S.A.) Honours

Year 1 - Fall Term (15 credit units)

- [AGRC 111.3](#) Discovery in Plant and Soil Sciences
- [BIOL 120.3](#) The Nature of Life
- [CHEM 112.3](#) General Chemistry I Structure Bonding and Properties of Materials
- [ECON 111.3](#) Introductory Microeconomics

Choose 3 credit units from the following:

Choose 3 credit units from the areas of Social Science, Humanities or Fine Arts.

~~Note: ECON courses are excluded from the list of acceptable Social Sciences courses.~~

Humanities

- [CHIN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CLAS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CREE — 100-Level, 200-Level, 300-Level, 400-Level](#)
- ~~[ECON — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- [ENG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [FREN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GERM — 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](#)
- [INTS — 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](#)
- [LIT — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PHIL — 100-Level, 200-Level, 300-Level, 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](#)
- [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](#)
- Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.
- MUS 111 is acceptable toward the Humanities requirement.

Social Sciences

- [ANTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARCH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GEOG 130.3](#) Environment Health and Planning

- [INDG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [IS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [LING — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PLAN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [POLS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PSY — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOSC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [WGST — 100-Level, 200-Level, 300-Level, 400-Level](#)

Any senior-level social science course, provided the prerequisite is met. Please note that certain GEOG courses are considered Science courses. Refer to the Class Search.

Statistics courses in social sciences are not accepted for credit toward the Social Science Requirement (eg. ECON 204, PSY 233, PSY 234, SOC 225 and SOC 325).

Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.

Fine Arts

- [ART — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [DRAM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [MUS — 100-Level, 200-Level, 300-Level, 400-Level](#)

Year 1 - Winter Term (15 credit units)

- [AGRC 112.3](#) Animal Agriculture and Food Science
- [AGRC 113.3](#) Agri Food Issues and Institutions
- [BIOL 121.3](#) The Diversity of Life
- [ECON 114.3](#) Introductory Macroeconomics

Choose 3 credit units from the following:

Choose 3 credit units from the areas of Social Science, Humanities or Fine Arts (continued from Term 1 if a 6 credit unit course or a new 3 credit unit course for Term 2).

~~Note: ECON courses are excluded from the list of acceptable Social Sciences courses.~~

Humanities

- [CHIN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CLAS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CREE — 100-Level, 200-Level, 300-Level, 400-Level](#)
- ~~[ECON — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- [ENG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [FREN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GERM — 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](#)
- [INTS — 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](#)
- [LIT — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PHIL — 100-Level, 200-Level, 300-Level, 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](#)
- [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](#)
- Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.
- MUS 111 is acceptable toward the Humanities requirement.

Social Sciences

- [ANTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARCH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GEOG 130.3](#) Environment Health and Planning
- [INDG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [IS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [LING — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PLAN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [POLS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PSY — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOSC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [WGST — 100-Level, 200-Level, 300-Level, 400-Level](#)

Any senior-level social science course, provided the prerequisite is met. Please note that certain GEOG courses are considered Science courses. Refer to the Class Search.

Statistics courses in social sciences are not accepted for credit toward the Social Science Requirement (eg. ECON 204, PSY 233, PSY 234, SOC 225 and SOC 325).

Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.

Fine Arts

- [ART — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [DRAM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [MUS — 100-Level, 200-Level, 300-Level, 400-Level](#)

Rationale: Allowing students in the B.Sc. Agribusiness Honours program to take ECON courses towards the social sciences/humanities/fine arts requirement will allow them to take additional Economics courses if they wish to pursue further study in this area.

Year 2 (30 credit units)

- [AREC 272.3](#) Introduction to Agricultural Economics
- [COMM 101.3](#) Introduction to Business
- [ECON 211.3](#) Intermediate Microeconomics
- [ECON 214.3](#) Intermediate Macroeconomics
- [MATH 104.3](#) Elementary Calculus, [MATH 110.3](#) Calculus I, or [MATH 121.3](#) Mathematical Analysis for Business and Economics or [MATH 125.3](#) Mathematics for the Life Sciences
- [PLSC 214.3](#) Statistical Methods or [STAT 245.3](#) Introduction to Statistical Methods
- [RCM 300.3](#) Effective Professional Communication

Note: If you excel in mathematics ~~and wish to be challenged~~, you are encouraged to take [MATH 110.3](#) Calculus I rather than [MATH 104.3](#) Elementary Calculus

Choose 3 credit units from the following:

- [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

Choose 3 credit units from the following:

- [ECON 305.3](#) Quantitative Methods in Economics I
- [ECON 306.3](#) Quantitative Methods in Economics II
- [MATH 116.3](#) Calculus II

Open Electives

- Choose 3 credit units of open electives

Agricultural Economics

Bachelor of Science in Agriculture (B.S.A.)

Year 1 - Fall Term (15 credit units)

- [AGRC 111.3](#) Discovery in Plant and Soil Sciences
- [BIOL 120.3](#) The Nature of Life
- [CHEM 112.3](#) General Chemistry I Structure Bonding and Properties of Materials
- [ECON 111.3](#) Introductory Microeconomics

Choose 3 credit units from the following:

Choose 3 credit units from the areas of Social Science, Humanities or Fine Arts.

~~Note: ECON courses are excluded from the list of acceptable Social Sciences courses.~~

Humanities

- [CHIN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CLAS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CREE — 100-Level, 200-Level, 300-Level, 400-Level](#)
- ~~[ECON — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- [ENG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [FREN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GERM — 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](#)
- [INTS — 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](#)
- [LIT — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PHIL — 100-Level, 200-Level, 300-Level, 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](#)
- [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](#)
- Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.
- MUS 111 is acceptable toward the Humanities requirement.

Social Sciences

- [ANTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARCH — 100-Level, 200-Level, 300-Level, 400-Level](#)

- [GEOG 130.3 Environment Health and Planning](#)
- [INDG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [IS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [LING — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PLAN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [POLS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PSY — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOSC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [WGST — 100-Level, 200-Level, 300-Level, 400-Level](#)

Any senior-level social science course, provided the prerequisite is met. Please note that certain GEOG courses are considered Science courses. Refer to the Class Search.

Statistics courses in social sciences are not accepted for credit toward the Social Science Requirement (eg. ECON 204, PSY 233, PSY 234, SOC 225 and SOC 325).

Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.

Fine Arts

- [ART — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [DRAM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [MUS — 100-Level, 200-Level, 300-Level, 400-Level](#)

Year 1 - Winter Term (15 credit units)

- [AGRC 112.3 Animal Agriculture and Food Science](#)
- [AGRC 113.3 Agri Food Issues and Institutions](#)
- [BIOL 121.3 The Diversity of Life](#)
- [ECON 114.3 Introductory Macroeconomics](#)

Choose 3 credit units from the following:

Choose 3 credit units from the areas of Social Science, Humanities or Fine Arts (continued from Term 1 if a 6 credit unit course or a new 3 credit unit course for Term 2).

~~Note: ECON courses are excluded from the list of acceptable Social Sciences courses.~~

Humanities

- [CHIN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CLAS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [CREE — 100-Level, 200-Level, 300-Level, 400-Level](#)
- ~~[ECON — 100-Level, 200-Level, 300-Level, 400-Level](#)~~
- [ENG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [FREN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GERM — 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](#)
- [INTS — 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](#)
- [LIT — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PHIL — 100-Level, 200-Level, 300-Level, 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](#)

- [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](#)
- Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.
- MUS 111 is acceptable toward the Humanities requirement.

Social Sciences

- [ANTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARCH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [GEOG 130.3](#) Environment Health and Planning
- [INDG — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [IS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [LING — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PLAN — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [POLS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [PSY — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [SOSC — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [WGST — 100-Level, 200-Level, 300-Level, 400-Level](#)

Any senior-level social science course, provided the prerequisite is met. Please note that certain GEOG courses are considered Science courses. Refer to the Class Search.

Statistics courses in social sciences are not accepted for credit toward the Social Science Requirement (eg. ECON 204, PSY 233, PSY 234, SOC 225 and SOC 325).

Certain WGST courses may be considered a Humanities and/or Social Science. Refer to the Class Search.

Fine Arts

- [ART — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [DRAM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [MUS — 100-Level, 200-Level, 300-Level, 400-Level](#)

Rationale: Allowing students in the B.Sc. Agribusiness Honours program to take ECON courses towards the social sciences/humanities/fine arts requirement will allow them to take additional Economics courses if they wish to pursue further study in this area.

Year 2 (30 credit units)

- [AREC 272.3](#) Introduction to Agricultural Economics
- [COMM 101.3](#) Introduction to Business
- [ECON 211.3](#) Intermediate Microeconomics
- [ECON 214.3](#) Intermediate Macroeconomics
- [MATH 104.3](#) Elementary Calculus, [MATH 110.3](#) Calculus I, or [MATH 121.3](#) Mathematical Analysis for Business and Economics or [MATH 125.3](#) Mathematics for the Life Sciences
- [PLSC 214.3](#) Statistical Methods or [STAT 245.3](#) Introduction to Statistical Methods
- [RCM 300.3](#) Effective Professional Communication

Note: If you excel in mathematics ~~and wish to be challenged~~, you are encouraged to take [MATH 110.3](#) Calculus I rather than [MATH 104.3](#) Elementary Calculus

Resource Economics and Policy

Bachelor of Science in Renewable Resource Management [B.Sc.(RRM)]

Sustainable use of our land, water and plant resources is increasingly recognized as a key societal goal in the 21st Century. Management of these resources requires a combination of applied science and management skills with an understanding of the broad societal context. Renewable Resource Management provides essential skills in resource management coupled with a broader understanding of the role of management in society. The Resource Economics and Policy field of study involves the development of policies directly relevant to the management of bioresources.

Minimum Requirements for Degree (120 credit units)

Year 1 (30 credit units)

- 3 credit units open electives
- [AGRC 113.3](#) Agri Food Issues and Institutions
- [BIOL 120.3](#) The Nature of Life **or** [BIOL 121.3](#) The Diversity of Life
- [CHEM 112.3](#) General Chemistry I Structure Bonding and Properties of Materials
- [ECON 111.3](#) Introductory Microeconomics
- [EVSC 110.3](#) Renewable Resources and Environment
- [GEOG 120.3](#) Introduction to Global Environmental Systems **or** [GEOL 206.3](#) Earth Systems
- [INDG 107.3](#) Introduction to Canadian Indigenous Studies
- [MATH 104.3](#) Elementary Calculus **or** [MATH 110.3](#) Calculus I **or** [MATH 125.3](#) Mathematics for the Life Sciences
- [RRM 114.3](#) Introductory Resource Economics and Policy

Year 2 (30 credit units)

- 9 credit units open electives
- [AREC 220.3](#) History of Indigenous Agriculture in Canada
- [AREC 238.3](#) Natural Resource Economics
- [AREC 272.3](#) Introduction to Agricultural Economics
- ~~[ECON 211.3](#) Intermediate Microeconomics~~
- ~~[ECON 277.3](#) Economics of the Environment~~
- [ENVS 201.3](#) Foundations of Sustainability
- [GEOG 280.3](#) Environmental Geography
- [PLSC 214.3](#) Statistical Methods **or** [STAT 245.3](#) Introduction to Statistical Methods

- [RCM 300.3](#) Effective Professional Communication

Choose 3 credit units from the following:

- ~~[ECON 305.3](#) Quantitative Methods in Economics I~~
- ~~[ECON 306.3](#) Quantitative Methods in Economics II~~
- ~~[MATH 164.3](#) Introduction to Linear Algebra~~

Year 3 (30 credit units)

- ~~3~~ 6 credit units open electives
- [AREC 315.3](#) Application of Microeconomic Theory to Agriculture or [ECON 277.3](#) Economics of the Environment
- ~~[AREC 330.3](#) Land Resource Economics~~
- [AREC 361.3](#) Intermediate Statistics and Decision Making
- [RRM 201.1](#) Geographical Information Systems
- [RRM 312.3](#) Natural Resource Management and Indigenous Peoples
- [RRM 323.2](#) Resource Data and Environmental Modeling
- one of [GEOG 385.3](#) Analysis of Environmental Management and Policy Making, [GEOG 386.3](#) Environmental Impact Assessment or [ENVE 381.3](#) Sustainability and Environmental Assessment

Choose 9 credit units from the following of restricted electives, depending on area of interest:

Emphasis

Students may use their restricted electives to take courses to achieve a general level of knowledge in resource economics and management, or they can choose to take a more prescribed set of courses within the curriculum that gives them greater depth of knowledge in specific areas of natural resource management, assessment and development. To achieve this, students may choose one emphasis from the four offered as part of their restricted electives. An emphasis consists of five courses from the prescribed list.

Indigenous Resource Management

- ASKI 102.3 Introduction to Legal Concepts in Resource Management
- ASKI 103.3 Legal Process and Instruments in Resource Management
- ASKI 202.1 Introduction to Land Management Frameworks and ASKI 204.2 Introduction to the Duty to Consult
- GEOG 381.3 Development in the Canadian North Issues and Challenges
- INDG 241.3 Weaving Indigenous Science and Western Science
- INDG 265.3 Aboriginal People and Development
- INDG 362.3 Aboriginal People and Northern Development
- POLS 222.3 Indigenous Governance and Politics

- POLS 322.3 First Nations Management and Administrative Systems
- POLS 323.3 First Nations Policies and Programs

Sustainable Water/Energy/Food Systems

- AGRC 211.3 Global Food Security
- ENVE 381.3 Sustainability and Environmental Assessment
- GEOG 225.3 Hydrology of Canada
- GEOG 381.3 Development in the Canadian North Issues and Challenges
- PLAN 329.3 Integrated Water Resource Planning

Environmental Impact Assessment and Policy

- AREC 451.3 Agricultural Problems and Policies
- ENVE 381.3 Sustainability and Environmental Assessment
- GEOG 385.3 Analysis of Environmental Management and Policy Making
- GEOG 386.3 Environmental Impact Assessment
- INDG 321.3 International Indigenous Disaster Risk Reduction
- POLS 226.3 Canadian Public Policy
- POLS 322.3 First Nations Management and Administrative Systems
- POLS 323.3 First Nations Policies and Programs
- TOX 321.3 Risk Assessment and Regulatory Toxicology

Development and the Environment

- ECON 270.3 Development in Non Industrialized Countries
- ENVE 381.3 Sustainability and Environmental Assessment
- GEOG 208.3 World Regional Development
- GEOG 240.3 Sustainable Cities and Regions
- GEOG 381.3 Development in the Canadian North Issues and Challenges
- GEOG 386.3 Environmental Impact Assessment
- INDG 265.3 Aboriginal People and Development
- INDG 361.3 Indigenous Community Development in the 21st Century

Restricted Electives

- AGRC 111.3 Discovery in Plant and Soil Sciences
- AGRC 211.3 Global Food Security
- ANBI 375.3 Animals and the Environment
- ANBI 420.3 Comparative Animal Endocrinology
- ANTH 111.3 One World Many Peoples Introduction to Cultural Anthropology
- ANTH 224.3 North American Plains Ethnography
- ANTH 329.3 Environmental Anthropology
- AREC 238.3 Natural Resource Economics
- AREC 315.3 Application of Microeconomic Theory to Agriculture
- AREC 342.3 Industrial Organization of Agricultural Markets
- AREC 430.3 Advanced Natural Resource Economics

- [AREC 432.3](#) Rural Development Theory and Applications
- [AREC 451.3](#) Agricultural Problems and Policies
- ASKI 102.3 Introduction to Legal Concepts in Resource Management
- ASKI 103.3 Legal Process and Instruments in Resource Management
- ASKI 202.1 Introduction to Land Management Frameworks and ASKI 204.2 Introduction to the Duty to Consult
- [BIOL 323.3](#) Plant Systematics and Evolution
- [BIOL 412.3](#) Limnology
- BIOL 424.3
- [BIOL 475.3](#) Ecological Toxicology
- [CHEM 375.3](#) Environmental Chemistry
- [COMM 201.3](#) Introduction to Financial Accounting
- [COMM 347.3](#) Aboriginal Business in Canada
- [ECON 211.3](#) Intermediate Microeconomics
- ECON 231.3
- ECON 270.3 Development in Non Industrialized Countries
- [ECON 275.3](#) Economics of Natural Resources
- [ECON 277.3](#) Economics of the Environment
- ECON 347.3
- [ENVE 381.3](#) Sustainability and Environmental Assessment
- [ENVE 432.3](#) Land Management and Reclamation
- [EVSC 220.3](#) Environmental Soil Science
- [EVSC 380.3](#) Grassland Soils and Vegetation
- [FABS 212.3](#) Agrifood and Resources Microbiology OR [BMSC 210.3](#) Microbiology
- [FABS 360.3](#) Water Microbiology and Safety
- FABS 430.3
- [GEOG 150.3](#) Introduction to the Circumpolar World
- GEOG 208.3 World Regional Development
- [GEOG 225.3](#) Hydrology of Canada
- [GEOG 233.3](#) Introduction to Weather and Climate
- [GEOG 235.3](#) Earth Processes and Natural Hazards A Canadian Perspective
- GEOG 240.3 Sustainable Cities and Regions
- GEOG 271.3
- [GEOG 280.3](#) Environmental Geography
- [GEOG 323.3](#) Remote Sensing
- [GEOG 328.3](#) Groundwater Hydrology
- GEOG 332.3
- [GEOG 351.3](#) Northern Environments
- [GEOG 352.3](#) Contemporary Issues of the Circumpolar World
- GEOG 371.3
- [GEOG 380.3](#) Environmental Geography of the Circumpolar North
- [GEOG 381.3](#) Development in the Canadian North Issues and Challenges
- [GEOG 385.3](#) Analysis of Environmental Management and Policy Making
- [GEOG 386.3](#) Environmental Impact Assessment
- GEOG 462.3
- [GEOL 121.3](#) Earth Processes
- GEOL 312.3
- [GEOL 330.3](#) Climate History

- HIST 170.6
- INDG 241.3 Weaving Indigenous Science and Western Science
- INDG 265.3 Aboriginal People and Development
- INDG 321.3 International Indigenous Disaster Risk Reduction
- INDG 361.3 Indigenous Community Development in the 21st Century
- INDG 362.3 Aboriginal People and Northern Development
- LAW 436.3 Aboriginal Law
- LAW 437.3
- PHIL 226.3 Environmental Philosophy
- PLAN 329.3 Integrated Water Resource Planning
- PLSC 412.3
- PLSC 413.3 Advanced Plant Ecology
- PLSC 418.3 Management of Arable Grassland
- PLSC 422.3 Rangeland Ecology and Management
- PLSC 423.3 Landscape Ecology and Vegetation Management
- PLSC 425.3 Forest Ecology
- POLS 111.3 Democratic Citizenship in Canada or POLS 112.3 Justice and Injustice in Politics and Law
- POLS 222.3 Indigenous Governance and Politics
- POLS 225.3 Canadian Public Administration and Administrative Law
- POLS 226.3 Canadian Public Policy
- POLS 322.3 First Nations Management and Administrative Systems
- POLS 323.3 First Nations Policies and Programs
- POLS 326.3 Comparative Public Policy
- POLS 328.3 Public Policy Analysis
- POLS 425.3 Multilevel Governance and Partnerships
- SLSC 312.3 Soil Fertility and Fertilizers
- SLSC 313.3 Environmental Soil Chemistry
- SLSC 322.3 Environmental Soil Physics
- SLSC 342.3 Agronomic Soil Microbiology
- SLSC 444.3 Soil Ecology
- SLSC 460.3 Forest Soils
- SLSC 480.3 Soils and Boreal Landscapes
- TOX 301.3 Environmental Toxicology
- TOX 321.3 Risk Assessment and Regulatory Toxicology

Aboriginal Land Management

- ~~ANTH 111.3 One World Many Peoples Introduction to Cultural Anthropology~~
- ~~ANTH 224.3 North American Plains Ethnography~~
- ~~ANTH 329.3 Environmental Anthropology~~
- ~~COMM 347.3 Aboriginal Business in Canada~~
- ~~GEOG 381.3 Development in the Canadian North Issues and Challenges~~
- ~~GEOG 462.3~~
- ~~HIST 170.6~~
- ~~LAW 436.3 Aboriginal Law~~

- LAW 437.3

Ecology

- AGRC 111.3 Discovery in Plant and Soil Sciences
- ANBI 375.3 Animals and the Environment
- ANBI 420.3 Comparative Animal Endocrinology
- BIOL 323.3 Plant Systematics and Evolution
- BIOL 424.3
- EVSC 380.3 Grassland Soils and Vegetation
- FABS 430.3
- GEOG 371.3
- PLSC 412.3
- PLSC 413.3 Advanced Plant Ecology
- PLSC 418.3 Management of Arable Grassland
- PLSC 422.3 Rangeland Ecology and Management
- PLSC 423.3 Landscape Ecology and Vegetation Management
- PLSC 425.3 Forest Ecology

Geological Sciences

- GEOL 121.3 Earth Processes
- GEOL 312.3
- GEOL 330.3 Climate History

Northern Studies

- GEOG 150.3 Introduction to the Circumpolar World
- GEOG 351.3 Northern Environments
- GEOG 352.3 Contemporary Issues of the Circumpolar World
- GEOG 380.3 Environmental Geography of the Circumpolar North

Physical Geography

- GEOG 225.3 Hydrology of Canada
- GEOG 233.3 Introduction to Weather and Climate
- GEOG 235.3 Earth Processes and Natural Hazards A Canadian Perspective
- GEOG 271.3
- GEOG 280.3 Environmental Geography

- [GEOG 323.3 Remote Sensing](#)
- [GEOG 328.3 Groundwater Hydrology](#)
- [GEOG 332.3](#)
- [GEOG 351.3 Northern Environments](#)
- [GEOG 371.3](#)

Policy

- [AGRC 211.3 Global Food Security](#)
- [AREC 342.3 Industrial Organization of Agricultural Markets](#)
- [AREC 432.3 Rural Development Theory and Applications](#)
- [AREC 451.3 Agricultural Problems and Policies](#)
- [COMM 201.3 Introduction to Financial Accounting](#)
- [ECON 231.3](#)
- [ECON 347.3](#)
- [GEOG 385.3 Analysis of Environmental Management and Policy Making](#)
- [PHIL 226.3 Environmental Philosophy](#)
- [POLS 111.3 Democratic Citizenship in Canada or \[POLS 112.3 Justice and Injustice in Politics and Law\]\(#\)](#)
- [POLS 225.3 Canadian Public Administration and Administrative Law](#)
- [POLS 226.3 Canadian Public Policy](#)
- [POLS 326.3 Comparative Public Policy](#)
- [POLS 328.3 Public Policy Analysis](#)
- [POLS 425.3 Multilevel Governance and Partnerships](#)

Resource Economics Policy

- [AREC 315.3 Application of Microeconomic Theory to Agriculture](#)
- [AREC 330.3 Land Resource Economics](#)
- [ECON 211.3 Intermediate Microeconomics](#)
- [ECON 275.3 Economics of Natural Resources](#)
- [ECON 277.3 Economics of the Environment](#)

Soil Science

- [EVSC 220.3 Environmental Soil Science](#)
- [SLSC 312.3 Soil Fertility and Fertilizers](#)
- [SLSC 313.3 Environmental Soil Chemistry](#)
- [SLSC 322.3 Environmental Soil Physics](#)
- [SLSC 342.3 Agronomic Soil Microbiology](#)
- [SLSC 444.3 Soil Ecology](#)
- [SLSC 460.3 Forest Soils](#)
- [SLSC 480.3 Soils and Boreal Landscapes](#)

Techniques

- [ENVE 381.3 Sustainability and Environmental Assessment](#)

- ~~[GEOG 323.3 Remote Sensing](#)~~
- ~~[GEOG 385.3 Analysis of Environmental Management and Policy Making](#)~~
- ~~[GEOG 386.3 Environmental Impact Assessment](#)~~

Water Science

- ~~[BIOL 412.3 Limnology](#)~~
- ~~[BIOL 475.3 Ecological Toxicology](#)~~
- ~~[CHEM 375.3 Environmental Chemistry](#)~~
- ~~[ENVE 432.3 Land Management and Reclamation](#)~~
- ~~[FABS 212.3 Agrifood and Resources Microbiology](#)~~ OR ~~[BMSC 210.3 Microbiology](#)~~
- ~~[FABS 360.3 Water Microbiology and Safety](#)~~
- ~~[FABS 430.3](#)~~
- ~~[GEOG 225.3 Hydrology of Canada](#)~~
- ~~[GEOG 328.3 Groundwater Hydrology](#)~~
- ~~[TOX 301.3 Environmental Toxicology](#)~~
- ~~[TOX 321.3 Risk Assessment and Regulatory Toxicology](#)~~

Year 4 (30 credit units)

- 3 credit units open electives
- [AREC 430.3](#) Natural Resource Economics
- [ENVS 401.3](#) Sustainability in Action or EVSC 485.3
- [RRM 421.6](#) Group Project in Renewable Resource Management

Choose 15 credit units ~~from the following of restricted electives, depending on area of interest:~~

Emphasis

Students may use their restricted electives to take courses to achieve a general level of knowledge in resource economics and management, or they can choose to take a more prescribed set of courses within the curriculum that gives them greater depth of knowledge in specific areas of natural resource management, assessment and development. To achieve this, students may choose one emphasis from the four offered as part of their restricted electives. An emphasis consists of five courses from the prescribed list.

Indigenous Resource Management

- ASKI 102.3 Introduction to Legal Concepts in Resource Management
- ASKI 103.3 Legal Process and Instruments in Resource Management
- ASKI 202.1 Introduction to Land Management Frameworks and ASKI 204.2 Introduction to the Duty to Consult
- GEOG 381.3 Development in the Canadian North Issues and Challenges
- INDG 241.3 Weaving Indigenous Science and Western Science
- INDG 265.3 Aboriginal People and Development
- INDG 362.3 Aboriginal People and Northern Development
- POLS 222.3 Indigenous Governance and Politics

- POLS 322.3 First Nations Management and Administrative Systems
- POLS 323.3 First Nations Policies and Programs

Sustainable Water/Energy/Food Systems

- AGRC 211.3 Global Food Security
- ENVE 381.3 Sustainability and Environmental Assessment
- GEOG 225.3 Hydrology of Canada
- GEOG 381.3 Development in the Canadian North Issues and Challenges
- PLAN 329.3 Integrated Water Resource Planning

Environmental Impact Assessment and Policy

- AREC 451.3 Agricultural Problems and Policies
- ENVE 381.3 Sustainability and Environmental Assessment
- GEOG 385.3 Analysis of Environmental Management and Policy Making
- GEOG 386.3 Environmental Impact Assessment
- INDG 321.3 International Indigenous Disaster Risk Reduction
- POLS 226.3 Canadian Public Policy
- POLS 322.3 First Nations Management and Administrative Systems
- POLS 323.3 First Nations Policies and Programs
- TOX 321.3 Risk Assessment and Regulatory Toxicology

Development and the Environment

- ECON 270.3 Development in Non Industrialized Countries
- ENVE 381.3 Sustainability and Environmental Assessment
- GEOG 208.3 World Regional Development
- GEOG 240.3 Sustainable Cities and Regions
- GEOG 381.3 Development in the Canadian North Issues and Challenges
- GEOG 386.3 Environmental Impact Assessment
- INDG 265.3 Aboriginal People and Development
- INDG 361.3 Indigenous Community Development in the 21st Century

Restricted Electives

- AGRC 111.3 Discovery in Plant and Soil Sciences
- AGRC 211.3 Global Food Security
- ANBI 375.3 Animals and the Environment
- ANBI 420.3 Comparative Animal Endocrinology
- ANTH 111.3 One World Many Peoples Introduction to Cultural Anthropology
- ANTH 224.3 North American Plains Ethnography
- ANTH 329.3 Environmental Anthropology
- AREC 238.3 Natural Resource Economics
- AREC 315.3 Application of Microeconomic Theory to Agriculture
- AREC 342.3 Industrial Organization of Agricultural Markets
- AREC 430.3 Advanced Natural Resource Economics

- [AREC 432.3](#) Rural Development Theory and Applications
- [AREC 451.3](#) Agricultural Problems and Policies
- ASKI 102.3 Introduction to Legal Concepts in Resource Management
- ASKI 103.3 Legal Process and Instruments in Resource Management
- ASKI 202.1 Introduction to Land Management Frameworks and ASKI 204.2 Introduction to the Duty to Consult
- [BIOL 323.3](#) Plant Systematics and Evolution
- [BIOL 412.3](#) Limnology
- BIOL 424.3
- [BIOL 475.3](#) Ecological Toxicology
- [CHEM 375.3](#) Environmental Chemistry
- [COMM 201.3](#) Introduction to Financial Accounting
- [COMM 347.3](#) Aboriginal Business in Canada
- [ECON 211.3](#) Intermediate Microeconomics
- ECON 231.3
- ECON 270.3 Development in Non Industrialized Countries
- [ECON 275.3](#) Economics of Natural Resources
- [ECON 277.3](#) Economics of the Environment
- ECON 347.3
- [ENVE 381.3](#) Sustainability and Environmental Assessment
- [ENVE 432.3](#) Land Management and Reclamation
- [EVSC 220.3](#) Environmental Soil Science
- [EVSC 380.3](#) Grassland Soils and Vegetation
- [FABS 212.3](#) Agrifood and Resources Microbiology OR [BMSC 210.3](#) Microbiology
- [FABS 360.3](#) Water Microbiology and Safety
- FABS 430.3
- [GEOG 150.3](#) Introduction to the Circumpolar World
- GEOG 208.3 World Regional Development
- [GEOG 225.3](#) Hydrology of Canada
- [GEOG 233.3](#) Introduction to Weather and Climate
- [GEOG 235.3](#) Earth Processes and Natural Hazards A Canadian Perspective
- GEOG 240.3 Sustainable Cities and Regions
- GEOG 271.3
- [GEOG 280.3](#) Environmental Geography
- [GEOG 323.3](#) Remote Sensing
- [GEOG 328.3](#) Groundwater Hydrology
- GEOG 332.3
- [GEOG 351.3](#) Northern Environments
- [GEOG 352.3](#) Contemporary Issues of the Circumpolar World
- GEOG 371.3
- [GEOG 380.3](#) Environmental Geography of the Circumpolar North
- [GEOG 381.3](#) Development in the Canadian North Issues and Challenges
- [GEOG 385.3](#) Analysis of Environmental Management and Policy Making
- [GEOG 386.3](#) Environmental Impact Assessment
- GEOG 462.3
- [GEOL 121.3](#) Earth Processes
- GEOL 312.3
- [GEOL 330.3](#) Climate History

- HIST 170.6
- INDG 241.3 Weaving Indigenous Science and Western Science
- INDG 265.3 Aboriginal People and Development
- INDG 321.3 International Indigenous Disaster Risk Reduction
- INDG 361.3 Indigenous Community Development in the 21st Century
- INDG 362.3 Aboriginal People and Northern Development
- LAW 436.3 Aboriginal Law
- LAW 437.3
- PHIL 226.3 Environmental Philosophy
- PLAN 329.3 Integrated Water Resource Planning
- PLSC 412.3
- PLSC 413.3 Advanced Plant Ecology
- PLSC 418.3 Management of Arable Grassland
- PLSC 422.3 Rangeland Ecology and Management
- PLSC 423.3 Landscape Ecology and Vegetation Management
- PLSC 425.3 Forest Ecology
- POLS 111.3 Democratic Citizenship in Canada or POLS 112.3 Justice and Injustice in Politics and Law
- POLS 222.3 Indigenous Governance and Politics
- POLS 225.3 Canadian Public Administration and Administrative Law
- POLS 226.3 Canadian Public Policy
- POLS 322.3 First Nations Management and Administrative Systems
- POLS 323.3 First Nations Policies and Programs
- POLS 326.3 Comparative Public Policy
- POLS 328.3 Public Policy Analysis
- POLS 425.3 Multilevel Governance and Partnerships
- SLSC 312.3 Soil Fertility and Fertilizers
- SLSC 313.3 Environmental Soil Chemistry
- SLSC 322.3 Environmental Soil Physics
- SLSC 342.3 Agronomic Soil Microbiology
- SLSC 444.3 Soil Ecology
- SLSC 460.3 Forest Soils
- SLSC 480.3 Soils and Boreal Landscapes
- TOX 301.3 Environmental Toxicology
- TOX 321.3 Risk Assessment and Regulatory Toxicology

Aboriginal Land Management

- ~~ANTH 111.3 One World Many Peoples Introduction to Cultural Anthropology~~
- ~~ANTH 224.3 North American Plains Ethnography~~
- ~~ANTH 329.3 Environmental Anthropology~~
- ~~COMM 347.3 Aboriginal Business in Canada~~
- ~~GEOG 381.3 Development in the Canadian North Issues and Challenges~~
- ~~GEOG 462.3~~
- ~~HIST 170.6~~
- ~~LAW 436.3 Aboriginal Law~~

- LAW 437.3

Ecology

- AGRC 111.3 Discovery in Plant and Soil Sciences
- ANBI 375.3 Animals and the Environment
- ANBI 420.3 Comparative Animal Endocrinology
- BIOL 323.3 Plant Systematics and Evolution
- BIOL 424.3
- EVSC 380.3 Grassland Soils and Vegetation
- FABS 430.3
- GEOG 371.3
- PLSC 412.3
- PLSC 413.3 Advanced Plant Ecology
- PLSC 418.3 Management of Arable Grassland
- PLSC 422.3 Rangeland Ecology and Management
- PLSC 423.3 Landscape Ecology and Vegetation Management
- PLSC 425.3 Forest Ecology

Geological Sciences

- GEOL 121.3 Earth Processes
- GEOL 312.3
- GEOL 330.3 Climate History

Northern Studies

- GEOG 150.3 Introduction to the Circumpolar World
- GEOG 351.3 Northern Environments
- GEOG 352.3 Contemporary Issues of the Circumpolar World
- GEOG 380.3 Environmental Geography of the Circumpolar North

Physical Geography

- GEOG 225.3 Hydrology of Canada
- GEOG 233.3 Introduction to Weather and Climate
- GEOG 235.3 Earth Processes and Natural Hazards A Canadian Perspective
- GEOG 271.3
- GEOG 280.3 Environmental Geography
- GEOG 323.3 Remote Sensing
- GEOG 328.3 Groundwater Hydrology
- GEOG 332.3
- GEOG 351.3 Northern Environments
- GEOG 371.3

Policy

- AGRC 211.3 Global Food Security
- AREC 342.3 Industrial Organization of Agricultural Markets
- AREC 432.3 Rural Development Theory and Applications
- AREC 451.3 Agricultural Problems and Policies
- COMM 201.3 Introduction to Financial Accounting
- ECON 231.3
- ECON 347.3
- GEOG 385.3 Analysis of Environmental Management and Policy Making
- PHIL 226.3 Environmental Philosophy
- POLS 111.3 Democratic Citizenship in Canada or POLS 112.3 Justice and Injustice in Politics and Law
- POLS 225.3 Canadian Public Administration and Administrative Law
- POLS 226.3 Canadian Public Policy
- POLS 326.3 Comparative Public Policy
- POLS 328.3 Public Policy Analysis
- POLS 425.3 Multilevel Governance and Partnerships

Resource Economics Policy

- AREC 315.3 Application of Microeconomic Theory to Agriculture
- AREC 330.3 Land Resource Economics
- AREC 430.3 Natural Resource Economics
- ECON 211.3 Intermediate Microeconomics
- ECON 275.3 Economics of Natural Resources
- ECON 277.3 Economics of the Environment

Soil Science

- EVSC 220.3 Environmental Soil Science
- SLSC 312.3 Soil Fertility and Fertilizers
- SLSC 313.3 Environmental Soil Chemistry
- SLSC 322.3 Environmental Soil Physics
- SLSC 342.3 Agronomic Soil Microbiology
- SLSC 444.3 Soil Ecology
- SLSC 460.3 Forest Soils
- SLSC 480.3 Soils and Boreal Landscapes

Techniques

- ENVE 381.3 Sustainability and Environmental Assessment
- GEOG 323.3 Remote Sensing
- GEOG 385.3 Analysis of Environmental Management and Policy Making
- GEOG 386.3 Environmental Impact Assessment

Water Science

- BIOL 412.3 Limnology

- ~~BIOL 475.3 Ecological Toxicology~~
- ~~CHEM 375.3 Environmental Chemistry~~
- ~~ENVE 432.3 Land Management and Reclamation~~
- ~~FABS 212.3 Agrifood and Resources Microbiology OR BMSC 210.3 Microbiology~~
- ~~FABS 360.3 Water Microbiology and Safety~~
- ~~FABS 430.3~~
- ~~GEOG 225.3 Hydrology of Canada~~
- ~~GEOG 328.3 Groundwater Hydrology~~
- ~~TOX 301.3 Environmental Toxicology~~
- ~~TOX 321.3 Risk Assessment and Regulatory Toxicology~~

Kanawayihetaytan Askiy Curriculum Committee

Changes to Course Number and Credit Units

ASKI ~~203.1~~ 204.2: Introduction to the Duty to Consult

A study of the Crown's constitutional duty to consult and accommodate ~~Aboriginal~~ Indigenous peoples in Canada focusing on key cases that have helped inform and shape current policy and practice in this area. Students will examine the history of the duty to consult, with specific examples of how this duty has arisen in context to ~~Aboriginal~~ Indigenous peoples' interests in land use management. Current policies and practice together with the roles for federal, provincial and territorial departments and agencies, ~~Aboriginal~~ Indigenous groups, and third parties will be examined.

Rationale: Additional material and contact hours have been added to ASKI 203.1 to increase the number of credit units from 1 to 2; as a result, the course will be renumbered as ASKI 204.2 The change in credit units allows students to combine ASKI 204.2 with ASKI 202.1 "Introduction to Land Management Frameworks" or RRM 201.1 "Geographical Information Systems" so that they receive 3 credit units of coursework that can count towards their programs.

Changes to Program Requirements

Kanawayihetaytan Askiy

Diploma in Indigenous Lands Governance, Dip.(K.A.I.L.G.)

Core Requirements (21 credit units)

- [INDG 264.3](#) Aboriginal People and Canadian Politics
- [POLS 111.3](#) Democratic Citizenship in Canada
- [POLS 112.3](#) Justice and Injustice in Politics and Law
- [POLS 222.3](#) Indigenous Governance and Politics
- [POLS 322.3](#) First Nations Management and Administrative Systems
- [POLS 323.3](#) First Nations Policies and Programs
- **ASKI 204.2 Introduction to the Duty to Consult**
- **ASKI 201.1 Introduction to Land Management Frameworks or RRM 201.1 Geographical Information Systems**

~~Choose 3 of the following one credit unit courses:~~

- ~~[ASKI 202.1](#) Introduction to Land Management Frameworks~~
- ~~[ASKI 203.1](#) Introduction to the Duty to Consult~~
- ~~[RRM 201.1](#) Geographical Information Systems~~

Department of Soil Science

Changes to Program Requirements

Resource Science

Bachelor of Science in Renewable Resource Management [B.Sc.(RRM)]

Year 4 (30 credit units)

- [ENVS 401.3](#) Sustainability in Action or EVSC 485.3
- [RRM 421.6](#) Group Project in Renewable Resource Management

Choose 21 credit units of restricted electives from the following, depending on area of interest:

Aboriginal Indigenous Land Management

- [ANTH 111.3](#) One World Many Peoples Introduction to Cultural Anthropology
- [ANTH 224.3](#) North American Plains Ethnography
- [ANTH 329.3](#) Environmental Anthropology
- [ASKI 202.1](#) Introduction to Land Management Frameworks
- [ASKI 204.2](#) Introduction to the Duty to Consult
- [COMM 347.3](#) Aboriginal Business in Canada
- [GEOG 381.3](#) Development in the Canadian North Issues and Challenges
- GEOG 462.3
- HIST 170.6
- [LAW 436.3](#) Aboriginal Law
- LAW 437.3

Soil Science

- [EVSC 220.3](#) Environmental Soil Science
- [EVSC 421.3](#) Contaminated Site Management and Remediation
- [SLSC 312.3](#) Soil Fertility and Fertilizers
- [SLSC 313.3](#) Environmental Soil Chemistry
- [SLSC 322.3](#) Environmental Soil Physics
- [SLSC 342.3](#) Agronomic Soil Microbiology
- [SLSC 350.3](#) Terrestrial Restoration
- [SLSC 444.3](#) Soil Ecology
- [SLSC 460.3](#) Forest Soils
- [SLSC 480.3](#) Soils and Boreal Landscapes

Environmental Science

Bachelor of Science in Agriculture (B.S.A.)

Years 3 & 4 (60 credit units)

- [ENVS 401.3](#) Sustainability in Action ~~or EVSC 485.3~~
- [GEOG 222.3](#) Introduction to Geomatics
- [RCM 300.3](#) Effective Professional Communication

Choose 6 credit units of Environmental Quality from the following:

- CHEM 375.3 Environmental Chemistry
- EVSC 420.3 Environmental Fate and Transport of Toxic Substances
- EVSC 421.3 Contaminated Site Management and Remediation
- ~~EVSC 430.3~~
- GEOG 225.3 Hydrology of Canada
- GEOG 233.3 Introduction to Weather and Climate
- GEOG 325.3 Principles of Fluvial Systems
- GEOG 333.3 Global Climate Change
- GEOL 229.3 Introductory Geochemistry
- SLSC 342.3 Agronomic Soil Microbiology
- SLSC 350.3 Terrestrial Restoration

Soil Science

Bachelor of Science in Agriculture (B.S.A.)

Years 3 & 4 (60 credit units)

- [AREC 330.3](#) Land Resource Economics
- [EVSC 380.3](#) Grassland Soils and Vegetation
- [GEOL 206.3](#) Earth Systems or [GEOG 120.3](#) Introduction to Global Environmental Systems
- [PLSC 214.3](#) Statistical Methods or [STAT 245.3](#) Introduction to Statistical Methods
- [SLSC 232.3](#) Soil Genesis and Classification
- [SLSC 312.3](#) Soil Fertility and Fertilizers
- [SLSC 313.3](#) Environmental Soil Chemistry
- [SLSC 322.3](#) Environmental Soil Physics
- [SLSC 342.3](#) Agronomic Soil Microbiology
- [SLSC 350.3](#) Terrestrial Restoration

- [SLSC 444.3](#) Soil Ecology
- [SLSC 460.3](#) Forest Soils or [SLSC 480.3](#) Soils and Boreal Landscapes
- [SLSC 492.3](#) Research and Term Paper or [SLSC 494.6](#) Research and Thesis (3 credit units count as restricted elective)

Choose 3 credit units from the following:

- [PLSC 222.3](#) Introduction to Field Crops or [PLSC 201.3](#) Field Crops of Western Canada
- ~~[PLSC 412.3](#)~~ [PLSC 422.3](#) Rangeland Ecology and Management
- [PLSC 423.3](#) Landscape Ecology and Vegetation Management
- [PLSC 425.3](#) Forest Ecology

Department of Plant Sciences

New Course Proposal

PLSC 440.3 Climate-Smart Agriculture

Although soils contribute a major share of agricultural emissions, improved management ('Climate-Smart' agriculture) can substantially reduce these emissions and sequester some of the carbon dioxide removed from the atmosphere by plants. This course will cover greenhouse gas dynamics, carbon footprinting, nutrient and water use efficiency, carbon-based policies, and plant and soil health management. In doing so, this course will highlight state-of-the-art research, summarize mitigation and adaptation potentials, identify gaps in understanding, and discuss future directions.

Prerequisite(s): Successful completion of 75 credit units, including SLSC 240 or EVSC 220

Rationale: At present, the College of AgBio does not offer an undergraduate course focused on Climate-Smart Agriculture where students learn—in detail—about how greenhouse gases are produced and what exactly goes into determining carbon footprints of cropping systems. Given the recent shift in consumer attitudes towards valuing environmentally friendly products, and the new carbon-based policies throughout Canada and the world, it is time that AgBio students graduate with up-to-date knowledge and understanding of greenhouse gas production, carbon footprinting, as well as Climate-Smart management practices.

Changes to Program Requirements

Applied Plant Ecology

Bachelor of Science in Agriculture (B.S.A.)

Years 3 & 4 (60 credit units)

- [BIOL 323.3](#) Plant Systematics and Evolution
- BIOL 424.3

- [EVSC 380.3](#) Grassland Soils and Vegetation
- [PLSC 214.3](#) Statistical Methods or [STAT 245.3](#) Introduction to Statistical Methods
- [PLSC 317.3](#) Plant Metabolism
- [PLSC 413.3](#) Advanced Plant Ecology
- [PLSC 418.3](#) Management of Arable Grassland
- [PLSC 422.3](#) Rangeland Ecology and Management
- [PLSC 423.3](#) Landscape Ecology and Vegetation Management
- [PLSC 425.3](#) Forest Ecology
- [PLSC 492.3](#) Project Thesis in Plant Sciences or [PLSC 494.6](#) Research Thesis in Plant Sciences (3 credit units count as restricted elective)

Choose 18 credit units of restricted electives from the following:

Students can choose courses for a minor or choose from the following selection of courses in consultation with an advisor.

- [ANBI 375.3](#) Animals and the Environment
- [ANBI 475.3](#) Field Studies in Arctic Ecosystems and Aboriginal Peoples
- [BIOL 331.3](#) Plant Physiology
- [BIOL 342.3](#) Fungi Environment and People
- [BIOL 373.3](#) Community Ecology
- [BIOL 470.3](#) Conservation Biology
- [GEOG 222.3](#) Introduction to Geomatics
- [GEOG 322.3](#) Introduction to Geographic Information Systems
- [GEOG 323.3](#) Remote Sensing
- [GEOG 351.3](#) Northern Environments
- [GEOG 380.3](#) Environmental Geography of the Circumpolar North
- [PLSC 335.3](#) Field Crop Disease Management
- [PLSC 340.3](#) Weed Biology and Ecology
- [PLSC 345.3](#) Pesticides and Crop Protection
- [PLSC 440.3](#) **Climate-Smart Agriculture**
- [PLSC 450.3](#) Applied Entomology
- [PLSC 494.6](#) Research Thesis in Plant Sciences

- [SLSC 232.3](#) Soil Genesis and Classification
- [SLSC 350.3](#) Terrestrial Restoration
- [SLSC 444.3](#) Soil Ecology
- [SLSC 460.3](#) Forest Soils
- [SLSC 480.3](#) Soils and Boreal Landscapes

University Course Challenge – December 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)

Applied Mathematics

Minor program revisions

Bachelor of Science Honours, Four-year, Three-year and Minor in Applied Mathematics

Add MATH 164 as a required course, add MATH 266 and 371 to lists of course options as shown below, and remove program options which require MATH 128 (closed course). For the Minor only, add MATH 176 and 177 as first year course options.

Bachelor of Science Honours (B.Sc. Honours) - Applied Mathematics

C4 Major Requirement (72 credit units)

...

- MATH 163.3
- **MATH 164.3 Introduction to Linear Algebra**
- MATH 211.3
- MATH 238.3
- MATH 313.3
- MATH 327.3
- MATH 331.3
- MATH 336.3
- MATH 339.3
- MATH 352.3
- MATH 371.3
- MATH 379.3
- MATH 436.3
- MATH 438.3
- STAT 241.3

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

- MATH 110.3 and MATH 116.3
- ~~MATH 121.3 or MATH 125.3; and MATH 128.3~~
- MATH 123.3 and MATH 124.3
- MATH 176.3 and MATH 177.3

Choose 3 credit units from the following:

~~It is recommended that this course be taken in the first year, if possible.~~

- ~~MATH 164.3 (formerly MATH 264.3)~~
- ~~MATH 266.3~~

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

It is recommended that these courses be taken in the second year, if possible.

- MATH 223.3 and MATH 224.3
- MATH 225.3 and MATH 226.3
- MATH 276.3 and MATH 277.3

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

- MATH 328.3
- MATH 361.3
- MATH 373.3
- STAT 242.3
- STAT 341.3

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

- CMPT 394.3
- MATH 314.3

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

- MATH 438.3
- MATH 439.3
- MATH 452.3
- MATH 465.3
- MATH 485.3
- MATH 498.3 (Special Topics in Applied Mathematics)
- STAT 442.3
- STAT 443.3

See suggested sequence of courses below to see sample concentrations.

Bachelor of Science Four-year (B.Sc. Four-year) - Applied Mathematics

C4 Major Requirement (51 credit units)

...

- **MATH 164.3 Introduction to Linear Algebra**
- MATH 211.3
- MATH 238.3
- MATH 336.3
- MATH 436.3
- STAT 241.3

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

- MATH 110.3 and MATH 116.3
- ~~MATH 121.3 or MATH 125.3; and MATH 128.3~~
- MATH 123.3 and MATH 124.3
- MATH 176.3 and MATH 177.3

Choose 3 credit units from the following:

It is recommended that this course be taken in the first year, if possible.

- ~~• MATH 164.3 (formerly MATH 264.3)~~
- ~~• MATH 266.3~~

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

It is recommended that these courses be taken in the second year, if possible.

- MATH 223.3 and MATH 224.3
- MATH 225.3 and MATH 226.3
- MATH 276.3 and MATH 277.3

Choose **12 credit units** from the following:

- **MATH 266.3 Linear Algebra II**
- MATH 327.3
- MATH 328.3
- MATH 331.3
- MATH 339.3
- MATH 352.3
- **MATH 371.3 Real Analysis**
- MATH 379.3
- STAT 242.3
- STAT 341.3

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

- MATH 313.3
- MATH 314.3

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

- MATH 438.3
- MATH 439.3
- MATH 452.3
- MATH 465.3
- MATH 485.3
- MATH 498.3 (Special Topics in Applied Mathematics)
- STAT 442.3
- STAT 443.3

See suggested sequence of courses below to see sample concentrations.

Bachelor of Science Three-year (B.Sc. Three-year) - Applied Mathematics

C4 Major Requirement (36 credit units)

...

- **MATH 164.3 Introduction to Linear Algebra**
- MATH 211.3
- MATH 238.3
- MATH 336.3
- STAT 241.3

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

- MATH 110.3 and MATH 116.3
- ~~MATH 121.3 or MATH 125.3; and MATH 128.3~~
- MATH 123.3 and MATH 124.3
- MATH 176.3 and MATH 177.3

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

~~It is recommended that this course be taken in the first year, if possible.~~

- ~~MATH 164.3 (formerly MATH 264.3)~~
- ~~MATH 266.3~~

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

It is recommended that these courses be taken in the second year, if possible.

- MATH 223.3 and MATH 224.3
- MATH 225.3 and MATH 226.3
- MATH 276.3 and MATH 277.3

Choose **9 credit units** from the following:

- MATH 313.3
- MATH 314.3
- MATH 327.3
- MATH 328.3
- MATH 331.3
- MATH 339.3
- STAT 242.3

See suggested sequence of courses below to see sample concentrations.

Minor in Applied Mathematics

Requirements (24 credit units)

- ~~MATH 110.3 or MATH 123.3~~
- ~~MATH 116.3 or MATH 124.3~~
- MATH 164.3 Introduction to Linear Algebra
- MATH 211.3
- MATH 336.3
- STAT 241.3

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

- MATH 110.3 and MATH 116.3
- MATH 123.3 and MATH 124.3
- MATH 176.3 and MATH 177.3

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

- ~~MATH 164.3~~

• ~~MATH 266.3~~

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

- MATH 223.3 and MATH 224.3
- MATH 225.3 and MATH 226.3
- MATH 276.3 and MATH 277.3

Rationale: MATH 164.3 is now a prerequisite for MATH 266, so option offered is no longer available. MATH 128 has been closed, and was never offered; this pathway through the program does not exist. MATH 176 and 177 are equivalent to MATH 110 and 116, respectively. MATH 371 was missing from the Four-year program due to an oversight.

Art History

Minor program revisions

Bachelor of Arts Honours, Double Honours, Four-year, and Three-year in Art History

Add HIST 433.6 as a restricted elective.

Bachelor of Arts Honours (B.A. Honours) - Art History

D4 Major Requirement (48 credit units)

- ARTH 120.3
- ARTH 121.3

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

- ARTH — 400-Level

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

- ART 340.3
- ARTH — 300-Level, 400-Level
- HIST 308.6
- **HIST 433.6**
- WGST 324.3

Choose **12 senior credit units** from the following:

- ART 340.3
- ARTH — 200-Level, 300-Level, 400-Level
- CLAS 240.3
- CLAS 242.3
- HIST 308.6
- **HIST 433.6**
- WGST 324.3

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

- ART — 100-Level

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

D4 Major Requirement (36 credit units)

- ARTH 120.3
- ARTH 121.3

Choose **24 senior credit units** from the following:

- ART 340.3
- ARTH — 200-Level, 300-Level, 400-Level
- CLAS 240.3
- CLAS 242.3
- HIST 308.6
- **HIST 433.6**
- WGST 324.3

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

- ART — 100-Level

Bachelor of Arts Three-year (B.A. Three-year) - Art History

D4 Major Requirement (36 credit units)

- ARTH 120.3
- ARTH 121.3

Choose **24 senior credit units** from the following:

- ART 340.3
- ARTH — 200-Level, 300-Level, 400-Level
- CLAS 240.3
- CLAS 242.3
- HIST 308.6
- **HIST 433.6**
- WGST 324.3

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

- ART — 100-Level

Bachelor of Arts Double Honours - Art History - Major 1

D4 Major Requirement (36 credit units)

- ARTH 120.3
- ARTH 121.3

Choose **24 senior credit units** from the following:

- ART 340.3
- ARTH — 200-Level, 300-Level, 400-Level
- CLAS 240.3

- CLAS 242.3
- HIST 308.6
- HIST 433.6
- WGST 324.3

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

- ART — 100-Level

Double Honours - Art History - Major 2

Requirements (36 credit units)

- ARTH 120.3
- ARTH 121.3

Choose **30 senior credit units** from the following:

- ART 340.3
- ARTH — 200-Level, 300-Level, 400-Level
- CLAS 240.3
- CLAS 242.3
- HIST 308.6
- HIST 433.6
- WGST 324.3

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

Bachelor of Arts Double Honours - Art History and Studio Art- Majors 1 and 2

D4 Major Requirement (75 credit units)

Students are strongly encouraged to complete 100-level ART courses in the first or second year of their program. Some ARTH courses may be used in lieu of ART courses. Students are strongly encouraged to work with an advisor to choose their courses.

- ART 110.3
- ART 112.6
- ART 141.3
- ARTH 120.3
- ARTH 121.3

Choose two of the following (6 -12 credit units):

- ...

Choose **30 senior credit units** from the following:

- ART 340.3
- ARTH — 200-Level, 300-Level, 400-Level
- CLAS 240.3
- CLAS 242.3
- HIST 308.6
- HIST 433.6
- WGST 324.3

Rationale: HIST 433.6 (Visions of Empire; Architecture and Power in Ancient Rome and Fascist Italy) is a new course that is relevant to the field and will provide majors with a greater course selection.

Biochemistry, Microbiology and Immunology

Minor course revisions

BIOC 310.3 - Proteins and Enzymes
BIOC 405.3 - Structure and Function of Biomolecules
BIOC 412.3 - Protein Structure Function and Engineering
BIOC 430.3 - Biochemistry of Cancer
BIOC 435.3 - Human Metabolism and Disease
BIOC 436.3 - Advanced Molecular Biology
MCIM 321.3 - Principles of Immunology
MCIM 390.3 - Experimental Microbiology and Immunology
MCIM 417.3 - Molecular Virology
MCIM 423.3 - Immunopathogenesis
MCIM 425.3 - Molecular Basis of Microbial Pathogenesis
MCIM 487.3 - Microbial Genetic Systems

Relabel each of these courses with the **BMIS** subject code, retaining the existing number.

Rationale: The two previous departments – Biochemistry; and Microbiology and Immunology – amalgamated to become the single department of Biochemistry, Microbiology and Immunology (BMI) in 2018. The merged department would like to discontinue use of the old BIOC and MCIM* subject codes and use the unified BMIS code for all of the courses intended for students in the Biomedical Sciences programs.

The department will retain MCIM 223 Principles of Microbiology and Immunology for Nursing with the MCIM subject code, as this is appropriate for this course, which is specifically offered for students in the Nursing program.

Biomedical Neuroscience

Minor program revisions

Bachelor of Science (Biomedical Science) Honours and Four-year in Biomedical Neuroscience
Replace PHPY 304.3 with CPPS 304.3, and PHPY 305.3 with CPPS 306.3.

Bachelor of Science (Biomedical Science) Honours [B.Sc. (BMSC) Honours] - Biomedical Neuroscience

M5 Major Requirement (42 credit units)

- ACB 325.3
- BIOL 226.3
- **CPPS 304.3 Introduction to Pharmacology**
- **CPPS 306.3 Systems Pharmacology I Cardiorespiratory Renal Gastrointestinal and Neuropharmacology**
- NEUR 301.3
- NEUR 334.3
- NEUR 350.3
- NEUR 405.3
- NEUR 432.6
- ~~PHPY 304.3~~
- ~~PHPY 305.3~~

...

Bachelor of Science (BMSC) Four-year [B.Sc. (BMSC) Four-year] - Biomedical Neuroscience

M5 Major Requirement (36 credit units)

- ACB 325.3
- BIOL 226.3
- CPPS 304.3 Introduction to Pharmacology
- CPPS 306.3 Systems Pharmacology I Cardiorespiratory Renal Gastrointestinal and Neuropharmacology
- NEUR 301.3
- NEUR 334.3
- NEUR 350.3
- NEUR 405.3
- ~~PHPY 304.3~~
- ~~PHPY 305.3~~

Rationale: PHPY 304.3 is being renamed as CPPS 304.3 in order to align its acronym with that of the recently created BSc major in *Cellular Physiological and Pharmacological Sciences (CPPS)*. The content of the CPPS 304 course will be revised slightly to have improved focus on the core principles of pharmacology and mechanisms of drug actions. It will serve as a logical prerequisite course for our new CPPS 306 course (Systems Pharmacology I) which will cover the topics of cardiovascular, renal, gastrointestinal and neuropharmacology, and also for our new CPPS 307 course (Systems Pharmacology II), which will cover topics of chemotherapy as well as drugs used to treat diseases of the immune and endocrine systems. The addition of these new CPPS 306 and CPPS 307 courses to the department's pharmacology-focused course offerings will be accompanied by deletion of our current PHPY 305.3 course which covered many of the same topics albeit in considerably lesser depth.

Minor course revisions

NEUR 404.3 Neurophysiology and Neuropharmacology

Prerequisite change:

Old prerequisite(s): NEUR 350.3, NEUR 301.3, PHPY 304.3, and PHPY 305.3, or permission of the instructor.

New prerequisite(s): NEUR 350.3; and NEUR 301.3; and CPPS 304.3 or PHPY 304.3; and CPPS 306.3 or PHPY 305.3; or permission of the instructor.

Rationale: These changes reflect the relabelling of PHPY 304 to CPPS 304, and the replacement of PHPY 305 by CPPS 306.3.

Cellular, Physiological, and Pharmacological Sciences

Minor program revisions

Bachelor of Science (Biomedical Science) Honours and Four-year in Cellular, Physiological and Pharmacological Sciences

Replace PHPY 304.3 with CPPS 304.3, and PHPY 305.3 with an option to take either CPPS 306.3 or CPPS 307.3

Bachelor of Science (Biomedical Science) Honours [B.Sc. (BMSC) Honours] - Cellular, Physiological and Pharmacological Sciences

M5 Major Requirement (42 credit units)

- ACB 310.3
- ACB 325.3
- BIOL 226.3

- CPPS 304.3 Introduction to Pharmacology
- CPPS 432.6
- PHPY 302.3
- PHPY 303.3
- ~~PHPY 304.3~~
- ~~PHPY 305.3~~

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

- CPPS 306.3 Systems Pharmacology I: Cardiorespiratory, Renal, Gastrointestinal and Neuropharmacology
- CPPS 307.3 Systems Pharmacology II: Chemotherapy, Immune and Endocrine Pharmacology

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

- ACB 331.3
- PHPY 308.3

...

Bachelor of Science (Biomedical Science) Four-year [B.Sc. (BMSC) Four-Year] - Cellular, Physiological and Pharmacological Sciences

M5 Major Requirement (36 credit units)

- ACB 310.3
- ACB 325.3
- BIOL 226.3
- CPPS 304.3 Introduction to Pharmacology
- PHPY 302.3
- PHPY 303.3
- ~~PHPY 304.3~~
- ~~PHPY 305.3~~

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

- CPPS 306.3 Systems Pharmacology I: Cardiorespiratory, Renal, Gastrointestinal and Neuropharmacology
- CPPS 307.3 Systems Pharmacology II: Chemotherapy, Immune and Endocrine Pharmacology

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

- ACB 331.3
- PHPY 308.3

...

Rationale: PHPY 304.3 is being renamed as CPPS 304.3 in order to align its acronym with that of the recently created BSc major in *Cellular Physiological and Pharmacological Sciences (CPPS)*. The content of the CPPS 304 course will be revised slightly to have improved focus on the core principles of pharmacology and mechanisms of drug actions. It will serve as a logical prerequisite course for our new CPPS 306 course (Systems Pharmacology I) which will cover the topics of cardiovascular, renal, gastrointestinal and neuropharmacology, and also for our new CPPS 307 course (Systems Pharmacology II), which will cover topics of chemotherapy as well as drugs used to treat diseases of the immune and endocrine systems. The addition of these new CPPS 306 and CPPS 307 courses to the department's

pharmacology-focused course offerings will be accompanied by deletion of our current PHPY 305.3 course which covered many of the same topics albeit in considerably lesser depth. The option to choose either CPPS 306 or 307 will provide greater flexibility for students to tailor their course selections according to personal interest.

New course(s):

CPPS 306.3 Systems Pharmacology I Cardiorespiratory Renal Gastrointestinal and Neuropharmacology

3 Lecture hours

The focus of this course is to provide a detailed review of the pharmacology of drugs that are used to treat disorders of the cardiovascular system, urinary tract, respiratory system, gastrointestinal system, and in neurology and psychiatry.

Prerequisite(s): CPPS 304.3 or permission of the Principal Instructor/Department.

Note: Students who with credit for PHPY 305.3 or PCOL 350.6 may not take this course for credit.

Students with credit for PHPY 304.3 are strongly encouraged not to take this course, and instead choose CPPS 307.3 Systems Pharmacology II Chemotherapy Immune and Endocrine Pharmacology.

Instructor(s): Lane Bekar, Stan Bardal, and/or other APP Department faculty

Rationale: The creation of this new CPPS 306 course is part of a collective redesign of the 300-level pharmacology-focused courses in the APP department's Four-Year and Honours CPPS major and Biomedical Neuroscience major programs. CPPS 304 (formerly PHPY 304) is an introductory pharmacology course, now with more intensive emphasis on the core principles and mechanisms of drug actions. It will serve as the prerequisite for this new CPPS 306 course (Systems Pharmacology I) that will focus on drugs affecting the cardiorespiratory, renal, gastrointestinal, and central nervous systems. CPPS 304 will also be the prerequisite for a new CPPS 307 course (Systems Pharmacology II) that will focus on chemotherapy drugs and those affecting the immune and endocrine body systems.

The creation of our new CPPS 306 and CPPS 307 courses will be accompanied by the deletion of our current PHPY 305.3-Pharmacology II course, which covered many of the same topics albeit in considerably lesser depth. PCOL 350.6 will also be deleted due to redundant overlap with the collective lecture content of our CPPS 304, CPPS 306 and CPPS 307 courses.

CPPS 307.3 Systems Pharmacology II Chemotherapy Immune and Endocrine Pharmacology

3 Lecture hours

The focus of this course is to provide a detailed review of the branch of pharmacology known as chemotherapy. Chemotherapy drugs treat many of the most important diseases facing humankind, including all infectious diseases and cancer. Additionally, the course will cover drugs that target the immune system, as well as drugs that target the endocrine system, as these are typically either used to treat cancer, or in some cases may cause cancer.

Prerequisite(s): CPPS 304.3, PHPY 304.3, or permission of the Principal Instructor/Department.

Note: Students who with credit for PHPY 305.3 or PCOL 350.6 may not take this course for credit.

Instructor(s): S. Bardal, L. Liu, G. Sawicki and/or other APP Department faculty

Rationale: See CPPS 306.3. The creation of this new course will address a significant gap in our department's pharmacology-focused course by introducing for the first time the very important topic of chemotherapeutic drugs into our CPPS BSc program curriculum.

Course deletion(s):

PCOL 350.6 General Pharmacology

PHPY 305.3 Pharmacology II

Rationale: The APP department is redesigning the 300-level pharmacology-focused course offerings for students in the Four-year and Honours majors in CPPS and Biomedical Neuroscience. As part of this restructuring, PCOL 350.6 and PHPY 305.3 courses are proposed to be deleted, and replaced by two new courses that cover essentially the same range of pharmacology topics along with some additional subject matter. These two new courses are CPPS 306.3 [Systems Pharmacology I: Cardiorespiratory, Renal, Gastrointestinal and Neuropharmacology] and CPPS 307.3 [Systems Pharmacology II: Chemotherapy, Immunology and Endocrine Pharmacology].

Minor course revisions

PHPY 304.3 Pharmacology I

Relabel to **CPPS 304.3**

New course title: **Introduction to Pharmacology**

New course description: This course will introduce students to pharmacology, the study of drugs. An emphasis will be placed on the core concepts in pharmacology, pharmacokinetics and pharmacodynamics, as well as autonomic pharmacology. The course will also cover other basic concepts in pharmacology including toxicology, drug safety, regulatory processes, and natural health products.

Change to Note:

Old note: Part of PCOL 350.6. Students with credit for PCOL 350.6 cannot take this course for credit.

New note: Students with credit for PHPY 304.3 or PCOL 350.6 cannot take this course for credit.

Rationale: The renaming of PHPY 304 as CPPS 304 will align its acronym with that of our recently created 4-Year and Honours BSc major programs in *Cellular, Physiological and Pharmacological Sciences*. The revision of the CPPS 304 course content is part of a collective redesign of our department's 300-level pharmacology-focused course offerings for the 4-Year CPPS, Honours CPPS, 4-Year Biomedical Science, and Honours Biomedical Science major BSc programs. CPPS 304 (formerly PHPY 304) remains an introductory pharmacology course, now with greater emphasis on the core principles and mechanisms of drug actions. The slightly revised focus of CPPS 304 on fundamental principles/mechanisms makes academic sense given that CPPS 304 will be a required C4 Major course in the new Interdisciplinary Biomedical Science BSc major program and will often be the *only* pharmacology course taken by students in the Interdisciplinary BMSC major.

Classical, Medieval and Renaissance Studies

Minor program revisions

Bachelor of Arts Honours, Double Honours, Four-year and Minor in Classical, Medieval and Renaissance Studies

Add HIST 320.3 and MUS 156.3 as shown below; remove MUS 150.3, MUS 250.3, and MUS 303.3.

Bachelor of Arts Honours (B.A. Honours) - Classical, Medieval & Renaissance Studies

A4 Major Requirement (66 credit units)

Of the total 66 credit units required, at least 6 credit units must be at the 300-level and 12 credit units at the 400-level (includes [CMRS 401.3](#) CMRS Texts and Themes and [CMRS 402.3](#) Directed Research).

...

Period Requirements (18 credit units)

Choose **6 credit units** from each category:

Classical World

- [CLAS 110.3](#) Greek Civilization
- [CLAS 111.3](#) Roman Civilization
- ...
- [HIST 209.3](#) The Roman Empire Politics Society and Culture Augustus to Constantine
- [HIST 273.3](#) History of Ancient Medicine
- [HIST 320.3](#) Pagans Christians Barbarians Identity and Empire in the Roman World
- [HIST 335.3](#) Spectacles of Death in the Roman World
- [PHIL 208.3](#) Ancient Philosophy Presocratics to Plato
- [PHIL 209.3](#) Ancient Philosophy Aristotle to Plotinus

Late Antiquity and Early Middle Ages

- *No changes*

Later Middle Ages and Renaissance

- *No changes*

Areas of Concentration (24 credit units)

Courses must be selected from one of the following 3 areas:

History and Archaeology

- [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
- ...
- [HIST 308.6](#) Rome Building and Living in the Ancient City
- [HIST 309.3](#) Crusades and Aftermath
- HIST 313.3
- [HIST 320.3](#) Pagans Christians Barbarians Identity and Empire in the Roman World
- [HIST 331.3](#) Magic Science and Religion before the Scientific Revolution
- [HIST 335.3](#) Spectacles of Death in the Roman World
- ...
- HIST 424.3
- [LATN 400.3](#) Senior Latin*

* A shell course that may be taken more than once

Literature, Fine Arts, Language

- [ARTH 120.3](#) Art and Visual Culture I
- ARTH 260.3
- [ARTH 306.3](#) Medieval Art and Architecture
- ...
- [LATN 203.3](#) Intermediate Latin II
- [LATN 400.3](#) Senior Latin*
- MUS 105.3
- ~~MUS 150.3~~
- [MUS 156.3](#) Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- ~~MUS 250.3 History of Music III Western Art Music Antiquity to High Renaissance~~
- ~~MUS 303.3~~
- MUS 450.3
- ...
- [RLST 254.3](#) Introduction to New Testament
- [RLST 365.3](#) Bible and Film

* A shell course that may be taken more than once

Classical Thought and History of Ideas

- *No changes*

Classical, Medieval and Renaissance Studies Electives (6 credit units)

Choose 6 credit units from the courses listed in the following 3 Areas of Concentration:

History and Archaeology

- [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
- ...
- [HIST 308.6](#) Rome Building and Living in the Ancient City
- [HIST 309.3](#) Crusades and Aftermath
- HIST 313.3
- [HIST 320.3](#) Pagans Christians Barbarians Identity and Empire in the Roman World
- [HIST 331.3](#) Magic Science and Religion before the Scientific Revolution
- [HIST 335.3](#) Spectacles of Death in the Roman World
- ...
- HIST 424.3
- [LATN 400.3](#) Senior Latin*

* A shell course that may be taken more than once

Literature, Fine Arts, Language

- [ARTH 120.3](#) Art and Visual Culture I
- ARTH 260.3
- [ARTH 306.3](#) Medieval Art and Architecture
- ...
- [LATN 203.3](#) Intermediate Latin II
- [LATN 400.3](#) Senior Latin*
- MUS 105.3
- ~~MUS 150.3~~
- [MUS 156.3](#) Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- ~~MUS 250.3 History of Music III Western Art Music Antiquity to High Renaissance~~
- ~~MUS 303.3~~
- MUS 450.3
- ...
- [RLST 254.3](#) Introduction to New Testament
- [RLST 365.3](#) Bible and Film

* A shell course that may be taken more than once

Classical Thought and the History of Ideas:

- *No changes*

Bachelor of Arts Four-year (B.A. Four-year) - Classical, Medieval and Renaissance Studies

A4 Major Requirement (63 credit units)

Of the total 63 credit units required, at least 3 credit units must be at the 300-level.

- [CMRS 110.3](#) The Graeco Roman Tradition Evolution and Reception
- [CMRS 111.3](#) Medieval and Renaissance Civilization
- [CMRS 401.3](#) CMRS Texts and Themes

Period Requirements (18 credit units)

Choose **6 credit units** from each category:

Classical World

- [CLAS 110.3](#) Greek Civilization
- [CLAS 111.3](#) Roman Civilization
- ...
- [HIST 209.3](#) The Roman Empire Politics Society and Culture Augustus to Constantine
- [HIST 273.3](#) History of Ancient Medicine
- [HIST 320.3](#) Pagans Christians Barbarians Identity and Empire in the Roman World
- [HIST 335.3](#) Spectacles of Death in the Roman World
- [PHIL 208.3](#) Ancient Philosophy Presocratics to Plato
- [PHIL 209.3](#) Ancient Philosophy Aristotle to Plotinus

Late Antiquity and Early Middle Ages

- *No changes*

Later Middle Ages and Renaissance

- *No changes*

Areas of Concentration (24 credit units)

Courses must be selected from one of the following 3 areas:

History and Archaeology

- [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
- ...
- [HIST 308.6](#) Rome Building and Living in the Ancient City
- [HIST 309.3](#) Crusades and Aftermath
- HIST 313.3
- [HIST 320.3](#) Pagans Christians Barbarians Identity and Empire in the Roman World
- [HIST 331.3](#) Magic Science and Religion before the Scientific Revolution
- [HIST 335.3](#) Spectacles of Death in the Roman World
- ...
- HIST 424.3

- [LATN 400.3](#) Senior Latin*

* A shell course that may be taken more than once

Literature, Fine Arts, Language

- [ARTH 120.3](#) Art and Visual Culture I
- ARTH 260.3
- ...
- [LATN 203.3](#) Intermediate Latin II
- [LATN 400.3](#) Senior Latin*
- MUS 105.3
- ~~MUS 150.3~~
- **MUS 156.3** Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- ~~MUS 250.3~~ History of Music III Western Art Music Antiquity to High Renaissance
- ~~MUS 303.3~~
- MUS 450.3
- ...
- [RLST 254.3](#) Introduction to New Testament
- [RLST 365.3](#) Bible and Film

* A shell course that may be taken more than once

Classical Thought and History of Ideas

- *No changes*

Classical, Medieval and Renaissance Studies Electives (12 credit units)

Courses must be selected from the Areas of Concentration:

History and Archaeology

- [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
- ...
- [HIST 308.6](#) Rome Building and Living in the Ancient City
- [HIST 309.3](#) Crusades and Aftermath
- HIST 313.3
- **HIST 320.3** Pagans Christians Barbarians Identity and Empire in the Roman World
- [HIST 331.3](#) Magic Science and Religion before the Scientific Revolution
- [HIST 335.3](#) Spectacles of Death in the Roman World
- ...
- HIST 424.3
- [LATN 400.3](#) Senior Latin*

* A shell course that may be taken more than once

Literature, Fine Arts, Language

- [ARTH 120.3](#) Art and Visual Culture I
- ARTH 260.3
- ...
- [LATN 203.3](#) Intermediate Latin II
- [LATN 400.3](#) Senior Latin*
- MUS 105.3
- ~~MUS 150.3~~
- **MUS 156.3** Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- ~~MUS 250.3~~ History of Music III Western Art Music Antiquity to High Renaissance
- ~~MUS 303.3~~
- MUS 450.3
- ...
- [RLST 254.3](#) Introduction to New Testament
- [RLST 365.3](#) Bible and Film

* A shell course that may be taken more than once

Classical Thought and the History of Ideas:

- *No changes*

Bachelor of Arts Double Honours - Classical, Medieval & Renaissance Studies - Major 1

A4 Major Requirement (30 credit units)

...

Areas of Concentration (12 credit units)

Note: 298, 299, 398, 399, 498, 499 courses may be used toward period requirements depending on course content.

Courses must be selected from one of the following 3 areas:

History and Archaeology

- [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
- ...
- [HIST 308.6](#) Rome Building and Living in the Ancient City
- [HIST 309.3](#) Crusades and Aftermath
- HIST 313.3
- **HIST 320.3** Pagans Christians Barbarians Identity and Empire in the Roman World
- [HIST 331.3](#) Magic Science and Religion before the Scientific Revolution
- [HIST 335.3](#) Spectacles of Death in the Roman World
- ...
- HIST 424.3
- [LATN 400.3](#) Senior Latin*

* A shell course that may be taken more than once

Literature, Fine Arts, Language

- [ARTH 120.3](#) Art and Visual Culture I
- ARTH 260.3
- ...
- [LATN 203.3](#) Intermediate Latin II
- [LATN 400.3](#) Senior Latin*
- MUS 105.3
- ~~MUS 150.3~~
- **MUS 156.3** Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- ~~MUS 250.3~~ History of Music III Western Art Music Antiquity to High Renaissance
- ~~MUS 303.3~~
- MUS 450.3
- ...
- [RLST 254.3](#) Introduction to New Testament
- [RLST 365.3](#) Bible and Film

* A shell course that may be taken more than once

Classical Thought and History of Ideas

- *No changes*

Bachelor of Arts Double Honours - Classical, Medieval & Renaissance Studies - Major 2

Requirements (36 credit units)

...

Areas of Concentration (12 credit units)

Note: Special Topics courses may be used to fulfill the Area of Concentration requirements with the permission of the Program Director.

Courses must be selected from one of the following 3 areas:

History and Archaeology

- [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
- ...
- [HIST 308.6](#) Rome Building and Living in the Ancient City
- [HIST 309.3](#) Crusades and Aftermath
- HIST 313.3
- **HIST 320.3** Pagans Christians Barbarians Identity and Empire in the Roman World
- [HIST 331.3](#) Magic Science and Religion before the Scientific Revolution
- [HIST 335.3](#) Spectacles of Death in the Roman World
- ...
- HIST 424.3
- [LATN 400.3](#) Senior Latin*

* A shell course that may be taken more than once

Literature, Fine Arts, Language

- [ARTH 120.3](#) Art and Visual Culture I
- ARTH 260.3
- ...
- [LATN 203.3](#) Intermediate Latin II
- [LATN 400.3](#) Senior Latin*
- MUS 105.3
- ~~MUS 150.3~~
- **MUS 156.3** Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- ~~MUS 250.3~~ History of Music III Western Art Music Antiquity to High Renaissance
- ~~MUS 303.3~~
- MUS 450.3
- ...
- [RLST 254.3](#) Introduction to New Testament
- [RLST 365.3](#) Bible and Film

* A shell course that may be taken more than once

Classical Thought and the History of Ideas

- *No changes*

Classical, Medieval & Renaissance Studies - Minor

Requirements (24 credit units)

- [CMRS 110.3](#) The Graeco Roman Tradition Evolution and Reception
- [CMRS 111.3](#) Medieval and Renaissance Civilization

Areas of Concentration (18 credit units)

Courses must be selected from one of the following 3 areas. CMRS Special Topics courses may be used with the permission of the Program Director.

History and Archaeology

- [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
- ...
- [HIST 308.6](#) Rome Building and Living in the Ancient City
- [HIST 309.3](#) Crusades and Aftermath
- HIST 313.3
- **HIST 320.3** Pagans Christians Barbarians Identity and Empire in the Roman World
- [HIST 331.3](#) Magic Science and Religion before the Scientific Revolution
- [HIST 335.3](#) Spectacles of Death in the Roman World
- ...
- HIST 424.3
- [LATN 400.3](#) Senior Latin*

* A shell course that may be taken more than once

Literature, Fine Arts and Language

- [ARTH 120.3](#) Art and Visual Culture I
- ARTH 260.3
- ...
- [LATN 203.3](#) Intermediate Latin II
- [LATN 400.3](#) Senior Latin*
- MUS 105.3
- ~~MUS 150.3~~
- **MUS 156.3** Music History I Compositions Cultures and Connections from Antiquity to the High Classical Period
- ~~MUS 250.3 History of Music III Western Art Music Antiquity to High Renaissance~~
- ~~MUS 303.3~~
- MUS 450.3
- ...
- [RLST 254.3](#) Introduction to New Testament
- [RLST 365.3](#) Bible and Film

* A shell course that may be taken more than once

Classical Thought and the History of Ideas

- *No changes*

Rationale: HIST 320.3 (Pagans, Christians, Barbarians: Identity and Empire in the Roman World) and MUS 156.3 (Music History 1: Compositions, Cultures and Connections from Antiquity to the High Classical Period) are appropriate for CMRS, and adding them increases the number and range of options available to students. MUS 150, MUS 250, and MUS 303 have been deleted.

Interdisciplinary Studies

New course(s):

INTS 310.3 Peace Theory and Praxis

3 Seminar hours

An interdisciplinary survey and synthesis of contemporary peace theory and peacebuilding practices. Topics may include approaches to peacebuilding, conflict transformation, reconciliation, mediation, and international conflict resolution.

Prerequisite(s): INTS 112 or 60 credit units at the university level

Instructor(s): Chris Hrynkow; Cynthia Wallace

Rationale: This course will offer a timely, inter-disciplinary exploration of peace theory and praxis. It will expose students to cogent issues in contemporary peace research and practice, and will foster critical engagement. It will also expose students to a fruitful framework through to which to understand and analyze pressing community and global issues.

English

Minor program revisions

Bachelor of Arts Honours, Double Honours and Four-year in English

Honours: Remove requirement to choose 12 credit units from ENG 202.6, 203.6, 204.6, and 290.6; add proposed ENG 394.3 as a required course; add requirement to choose 6 credit units from proposed

courses ENG 210.3 and ENG 211.3, and ENG 212.3; amend area requirements to have students choose 6 credit units from each of categories 1-4; revise categories; and add requirement to choose 3 credit units from new category 5.

Double Honours: Remove requirement to choose 6 credit units from ENG 202.6, 203.6, 204.6, and 290.6; add proposed ENG 394.3 as a required course; add requirement to choose 6 credit units from proposed courses ENG 210.3 and ENG 211.3, and ENG 212.3; amend area requirements to have students choose 3 credit units from each of categories 1-5; and revise/add categories.

Four-year: Remove requirement to choose 6 credit units from ENG 202.6, 203.6, 204.6, and 290.6; add proposed ENG 394.3 as a required course; add requirement to choose 3 credit units from proposed courses ENG 210.3 and ENG 211.3, and ENG 212.3; amend area requirements to have students choose 3 credit units from each of categories 1-5; and revise/add categories.

Bachelor of Arts Honours (B.A. Honours) - English

A4 Major Requirement (60 credit units)

- **ENG 394.3 Literary and Cultural Theory**

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

- 100-Level ENG Courses

Choose **6 credit units** from the following Histories of English Courses:

- **ENG 210.3 Literary Canons and Cultural Power**
- **ENG 211.3 History and Future of the Book**
- **ENG 212.3 A History of English Words**

Choose **12 credit units** from the following Foundation Courses:

- ~~**ENG 202.6 Reading the Canon Texts and Contexts**~~
- ~~**ENG 203.6 Critical Approaches to Reading English**~~
- ~~**ENG 204.6 History and Future of the Book**~~
- ~~**ENG 290.6 Introduction to English Linguistics and the History of the English Language**~~

Choose **6 credit units** from EACH of categories 1 through ~~3~~ **4** (~~18~~ **24 credit units** in all).

Category 1: Anglo-Saxon & Medieval

- CMRS 333.3 Exploring Medieval and Early Modern Manuscripts (May be used to fulfill a Category 1 or Category 2 requirement, but not both)
- ...
- ENG 420.3 Topics in Medieval Genres

Category 2: ~~Renaissance~~ 16th & 17th Century

- CMRS 333.3 Exploring Medieval and Early Modern Manuscripts (May be used to fulfill a Category 1 or Category 2 requirement, but not both)
- ...
- ENG 406.3 Topics in 17th Century Literature in English

Category 3: ~~18th/19th~~ 18th & 19th Century

- ENG 327.3 English Drama 1660 to 1737
- ...
- ENG 418.3 Topics in 19th Century Canadian Literature

Category 4: 20th & 21st Century

- ENG 206.3 An Introduction to Cultural Studies
- ENG 242.3 Indigenous Storytelling of the Prairies
- ENG 243.3 Introduction to Indigenous Literatures
- ENG 255.3 Mapping Canadian Literature
- ENG 288.3 Introduction to Film
- ENG 305.3 Canadian Fiction from Beginnings to 1960
- ENG 307.3 Digital Literature and New Media
- ENG 330.3 British and Irish Literature 1900 to 1950
- ENG 338.3 Contemporary North American Indigenous Literatures
- ENG 348.3
- ENG 349.3
- ENG 358.3 Canadian Drama
- ENG 359.3 Western Canadian Literature
- ENG 360.3 British and Irish Literature Since 1950
- ENG 363.3 Approaches to 20th and 21st Century Fiction
- ENG 368.3 Approaches to 20th and 21st Century Poetry
- ENG 381.3 American Literature from 1900 to the Present
- ENG 382.3 Canadian Fiction from 1960 to the Present
- ENG 446.3 Topics in Genres and Contexts of Modern Literature
- ENG 460.3 Topics in 20th Century British and Irish Literature
- ENG 462.3
- ENG 464.3 Topics in 20th Century American Literature
- ENG 466.3 Topics in 20th Century Canadian Literature
- ENG 468.3

Choose 3 **credit units** from Category 5:

Category 5: Decolonizing, Transnational, Diasporic

- ENG 207.3 Introduction to Colonial and Decolonizing Literatures
- ENG 209.3 Transnational Literatures
- ENG 383.3 Decolonizing Theories and Literatures
- ENG 444.3 Topics in Decolonizing and Transnational Literatures

Choose **6 credit units** from Category 4 and/or Category 5:

~~Category 4: 20th Century~~

- ~~• ENG 207.3 Introduction to Colonial and Decolonizing Literatures~~
- ~~• ENG 209.3 Transnational Literatures~~
- ~~• ENG 242.3 Indigenous Storytelling of the Prairies~~
- ~~• ENG 243.3 Introduction to Indigenous Literatures~~
- ~~• ENG 255.3 Mapping Canadian Literature~~

- ~~ENG 305.3 Canadian Fiction from Beginnings to 1960~~
- ~~ENG 330.3 British and Irish Literature 1900 to 1950~~
- ~~ENG 338.3 Contemporary North American Indigenous Literatures~~
- ~~ENG 348.3~~
- ~~ENG 349.3~~
- ~~ENG 358.3 Canadian Drama~~
- ~~ENG 359.3 Western Canadian Literature~~
- ~~ENG 360.3 British and Irish Literature Since 1950~~
- ~~ENG 363.3 Approaches to 20th and 21st Century Fiction~~
- ~~ENG 368.3 Approaches to 20th and 21st Century Poetry~~
- ~~ENG 381.3 American Literature from 1900 to the Present~~
- ~~ENG 382.3 Canadian Fiction from 1960 to the Present~~
- ~~ENG 444.3 Topics in Decolonizing and Transnational Literatures~~
- ~~ENG 446.3 Topics in Genres and Contexts of Modern Literature~~
- ~~ENG 460.3 Topics in 20th Century British and Irish Literature~~
- ~~ENG 462.3~~
- ~~ENG 464.3 Topics in 20th Century American Literature~~
- ~~ENG 466.3 Topics in 20th Century Canadian Literature~~
- ~~ENG 468.3~~

Category 5: Media, Culture, and Community

- ~~ENG 206.3 An Introduction to Cultural Studies~~
- ~~ENG 288.3 Introduction to Film~~
- ~~ENG 307.3 Digital Literature and New Media~~
- ~~INCC 201.3~~
- ~~INCC 210.3 Digital Communication and Design Introduction to Methods and Applications~~
- ~~INCC 311.3~~
- ~~INCC 401.3 Digital Culture and New Media Capstone Collaborative Design Project~~

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

- [ENG 120.3 Introduction to Creative Writing](#)
- [ENG — 200-Level, 300-Level, 400-Level](#)

Further A4 Major Requirements:

...

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

A4 Major Requirement (36 39 credit units)

- ~~ENG 394.3 – Literary and Cultural Theory~~

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

- [100-Level ENG Courses](#)

Choose **3 credit units** from the following Histories of English Courses:

- ~~ENG 210.3 Literary Canons and Cultural Power~~
- ~~ENG 211.3 History and Future of the Book~~

- [ENG 212.3 A History of English Words](#)

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

- ~~[ENG 202.6 Reading the Canon Texts and Contexts](#)~~
- ~~[ENG 203.6 Critical Approaches to Reading English](#)~~
- ~~[ENG 204.6 History and Future of the Book](#)~~
- ~~[ENG 290.6 Introduction to English Linguistics and the History of the English Language](#)~~

Choose **3 credit units** in EACH of categories 1 through 5 (**15 credit units** in all).

Choose **12 credit units** from ~~TWO~~ of the categories 1, 2, or 3 with no more than 6 credit units in a single category.

Category 1: Anglo-Saxon & Medieval

- [CMRS 333.3](#) Exploring Medieval and Early Modern Manuscripts (May be used to fulfill a Category 1 or Category 2 requirement, but not both)
- ...
- [ENG 420.3](#) Topics in Medieval Genres

Category 2: ~~Renaissance~~ 16th & 17th Century

- [CMRS 333.3](#) Exploring Medieval and Early Modern Manuscripts (May be used to fulfill a Category 1 or Category 2 requirement, but not both)
- ...
- [ENG 406.3](#) Topics in 17th Century Literature in English

Category 3: ~~18th/19th~~ 18th & 19th Century

- [ENG 327.3](#) English Drama 1660 to 1737
- ...
- [ENG 418.3](#) Topics in 19th Century Canadian Literature

Category 4: 20th & 21st Century

- [ENG 206.3](#) An Introduction to Cultural Studies
- [ENG 242.3](#) Indigenous Storytelling of the Prairies
- [ENG 243.3](#) Introduction to Indigenous Literatures
- [ENG 255.3](#) Mapping Canadian Literature
- [ENG 288.3](#) Introduction to Film
- [ENG 305.3](#) Canadian Fiction from Beginnings to 1960
- [ENG 307.3](#) Digital Literature and New Media
- [ENG 330.3](#) British and Irish Literature 1900 to 1950
- [ENG 338.3](#) Contemporary North American Indigenous Literatures
- [ENG 348.3](#)
- [ENG 349.3](#)
- [ENG 358.3](#) Canadian Drama
- [ENG 359.3](#) Western Canadian Literature
- [ENG 360.3](#) British and Irish Literature Since 1950
- [ENG 363.3](#) Approaches to 20th and 21st Century Fiction

- ENG 368.3 Approaches to 20th and 21st Century Poetry
- ENG 381.3 American Literature from 1900 to the Present
- ENG 382.3 Canadian Fiction from 1960 to the Present
- ENG 446.3 Topics in Genres and Contexts of Modern Literature
- ENG 460.3 Topics in 20th Century British and Irish Literature
- ENG 462.3
- ENG 464.3 Topics in 20th Century American Literature
- ENG 466.3 Topics in 20th Century Canadian Literature
- ENG 468.3

Category 5: Decolonizing, Transnational, Diasporic

- ENG 207.3 Introduction to Colonial and Decolonizing Literatures
- ENG 209.3 Transnational Literatures
- ENG 383.3 Decolonizing Theories and Literatures
- ENG 444.3 Topics in Decolonizing and Transnational Literatures

Choose **12 credit units** from the following:

- [ENG — 200-Level, 300-Level, 400-Level](#)

Further A4 Major Requirements:

(a) At least 15 of the ~~30~~ **33** senior credit units must be at the 300-level

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Bachelor of Arts Double Honours - English - Major 1

A4 Major Requirement (~~36~~ **42** credit units)

- ENG 394.3 – Literary and Cultural Theory

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

- [100-Level ENG Courses](#)

Choose **6 credit units** from the following Histories of English Courses:

- ENG 210.3 Literary Canons and Cultural Power
- ENG 211.3 History and Future of the Book
- ENG 212.3 A History of English Words

Choose ~~6~~ **6 credit units** from the following ~~Foundation Courses:~~

- ~~ENG 202.6 Reading the Canon Texts and Contexts~~
- ~~ENG 203.6 Critical Approaches to Reading English~~
- ~~ENG 204.6 History and Future of the Book~~
- ~~ENG 290.6 Introduction to English Linguistics and the History of the English Language~~

Choose **3 credit units** in EACH of categories 1 through 5 (15 credit units in all).

Choose **12 credit units** from ~~TWO~~ of the categories 1, 2, or 3 with no more than 6 credit units in a single category.

Category 1: Anglo-Saxon & Medieval

- [CMRS 333.3](#) Exploring Medieval and Early Modern Manuscripts (May be used to fulfill a Category 1 or Category 2 requirement, but not both)
- ...
- [ENG 420.3](#) Topics in Medieval Genres

Category 2: ~~Renaissance~~ 16th & 17th Century

- [CMRS 333.3](#) Exploring Medieval and Early Modern Manuscripts (May be used to fulfill a Category 1 or Category 2 requirement, but not both)
- ...
- [ENG 406.3](#) Topics in 17th Century Literature in English

Category 3: ~~18th/19th~~ 18th & 19th Century

- [ENG 327.3](#) English Drama 1660 to 1737
- ...
- [ENG 418.3](#) Topics in 19th Century Canadian Literature

Category 4: 20th & 21st Century

- [ENG 206.3](#) An Introduction to Cultural Studies
- [ENG 242.3](#) Indigenous Storytelling of the Prairies
- [ENG 243.3](#) Introduction to Indigenous Literatures
- [ENG 255.3](#) Mapping Canadian Literature
- [ENG 288.3](#) Introduction to Film
- [ENG 305.3](#) Canadian Fiction from Beginnings to 1960
- [ENG 307.3](#) Digital Literature and New Media
- [ENG 330.3](#) British and Irish Literature 1900 to 1950
- [ENG 338.3](#) Contemporary North American Indigenous Literatures
- [ENG 348.3](#)
- [ENG 349.3](#)
- [ENG 358.3](#) Canadian Drama
- [ENG 359.3](#) Western Canadian Literature
- [ENG 360.3](#) British and Irish Literature Since 1950
- [ENG 363.3](#) Approaches to 20th and 21st Century Fiction
- [ENG 368.3](#) Approaches to 20th and 21st Century Poetry
- [ENG 381.3](#) American Literature from 1900 to the Present
- [ENG 382.3](#) Canadian Fiction from 1960 to the Present
- [ENG 446.3](#) Topics in Genres and Contexts of Modern Literature
- [ENG 460.3](#) Topics in 20th Century British and Irish Literature
- [ENG 462.3](#)
- [ENG 464.3](#) Topics in 20th Century American Literature
- [ENG 466.3](#) Topics in 20th Century Canadian Literature
- [ENG 468.3](#)

Category 5: Decolonizing, Transnational, Diasporic

- ENG 207.3 Introduction to Colonial and Decolonizing Literatures
- ENG 209.3 Transnational Literatures
- ENG 383.3 Decolonizing Theories and Literatures
- ENG 444.3 Topics in Decolonizing and Transnational Literatures

Choose a **minimum of 12 credit units** from the following:

- [ENG — 200-Level, 300-Level, 400-Level](#)

Further A4 Major Requirements:

a) 12 of the required ~~30~~ **42** credit units must be at the 300-level

(b) 6 of the required ~~30~~ **42** credit units must be at the 400-level

...

Double Honours - English - Major 2

Requirement (~~36~~ **42** credit units)

- ENG 394.3 – Literary and Cultural Theory

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

- [100-Level ENG Courses](#)

Choose **6 credit units** from the following Histories of English Courses:

- ENG 210.3 Literary Canons and Cultural Power
- ENG 211.3 History and Future of the Book
- ENG 212.3 A History of English Words

~~Choose **6 credit units** from the following Foundation Courses:~~

- ~~[ENG 202.6 Reading the Canon Texts and Contexts](#)~~
- ~~[ENG 203.6 Critical Approaches to Reading English](#)~~
- ~~[ENG 204.6 History and Future of the Book](#)~~
- ~~[ENG 290.6 Introduction to English Linguistics and the History of the English Language](#)~~

Choose **3 credit units** in EACH of categories 1 through 5 (15 credit units in all).

~~Choose **12 credit units** from TWO of the categories 1, 2, or 3 with no more than 6 credit units in a single category.~~

Category 1: Anglo-Saxon & Medieval

- [CMRS 333.3](#) Exploring Medieval and Early Modern Manuscripts (May be used to fulfill a Category 1 or Category 2 requirement, but not both)

- ...
- [ENG 420.3](#) Topics in Medieval Genres

Category 2: ~~Renaissance~~ 16th & 17th Century

- [CMRS 333.3](#) Exploring Medieval and Early Modern Manuscripts (May be used to fulfill a Category 1 or Category 2 requirement, but not both)
- ...
- [ENG 406.3](#) Topics in 17th Century Literature in English

Category 3: ~~18th/19th~~ 18th & 19th Century

- [ENG 327.3](#) English Drama 1660 to 1737
- ...
- [ENG 418.3](#) Topics in 19th Century Canadian Literature

Category 4: 20th & 21st Century

- [ENG 206.3](#) An Introduction to Cultural Studies
- [ENG 242.3](#) Indigenous Storytelling of the Prairies
- [ENG 243.3](#) Introduction to Indigenous Literatures
- [ENG 255.3](#) Mapping Canadian Literature
- [ENG 288.3](#) Introduction to Film
- [ENG 305.3](#) Canadian Fiction from Beginnings to 1960
- [ENG 307.3](#) Digital Literature and New Media
- [ENG 330.3](#) British and Irish Literature 1900 to 1950
- [ENG 338.3](#) Contemporary North American Indigenous Literatures
- [ENG 348.3](#)
- [ENG 349.3](#)
- [ENG 358.3](#) Canadian Drama
- [ENG 359.3](#) Western Canadian Literature
- [ENG 360.3](#) British and Irish Literature Since 1950
- [ENG 363.3](#) Approaches to 20th and 21st Century Fiction
- [ENG 368.3](#) Approaches to 20th and 21st Century Poetry
- [ENG 381.3](#) American Literature from 1900 to the Present
- [ENG 382.3](#) Canadian Fiction from 1960 to the Present
- [ENG 446.3](#) Topics in Genres and Contexts of Modern Literature
- [ENG 460.3](#) Topics in 20th Century British and Irish Literature
- [ENG 462.3](#)
- [ENG 464.3](#) Topics in 20th Century American Literature
- [ENG 466.3](#) Topics in 20th Century Canadian Literature
- [ENG 468.3](#)

Category 5: Decolonizing, Transnational, Diasporic

- [ENG 207.3](#) Introduction to Colonial and Decolonizing Literatures
- [ENG 209.3](#) Transnational Literatures
- [ENG 383.3](#) Decolonizing Theories and Literatures
- [ENG 444.3](#) Topics in Decolonizing and Transnational Literatures

Choose a **minimum of 12 credit units** from the following:

- [ENG — 200-Level, 300-Level, 400-Level](#)

Additional Requirements:

a) 12 of the required ~~30~~ 42 credit units must be at the 300-level

(b) 6 of the required ~~30~~ 42 credit units must be at the 400-level

...

Rationale:

Revisions changing "Foundations" courses to "Histories of English" + ENG 394.3 Literary and Cultural Theory: In splitting/condensing these 6 cu "Foundations" courses into 3 cu, we took the opportunity to rethink how this requirement is characterized and represented. We deemed the "Literary and Cultural Theory" course essential, and therefore required of all students, because it covers the core methodologies in our discipline, and the remaining three courses represent a historical approach to our subject matter. Moving "Literary and Cultural Theory" to third year reflects the difficulty level of the course even as it has been taught: students find it very challenging at the second-year level. The reduction in total credit units reflects the reduction of each topic from a 6 cu treatment to a 3 cu treatment.

Change in Category 4 and 5 requirements: We recast Category 4 as "20th and 21st Century" to recognize that we are two decades into the 21st century with a growing body of literature to deal with and that, at the same time, there are significant continuities between the 20th and 21st centuries. This recasting also parallels our formulation of areas 2 and 3. We recast Category 5 with an emphasis on decolonizing, transnational, and diasporic literature in recognition of an important emerging area of study in our discipline, namely global literature (outside the UK and North America) written in English, thus taking an important step in decolonizing the English curriculum. A recent hire in this field has been building the profile of and enrollments in these courses, with new courses likely to follow. The category as previously conceived was a catch-all container for courses that either fit temporally in the new category or are no longer supported or supportable by faculty members.

The English courses that pertain to film, digital media, and new media have been moved to Category 4, which is the temporal category in which they belong, alongside print literature of the same period. The INCC courses that were in Category 5 are closed or are moving in that direction, and were there in support of the Digital Culture and New Media minor, which has been proposed for deletion.

All of the above program levels will now require students to take at least one course from each category. This will help to ensure full historical and geographical coverage, including the movement of English Literature outside of the geographic and cultural axis of North America/United Kingdom.

New course(s):

ENG 210.3 Literary Canons and Cultural Power

3 Lecture hours

The term "literary canon" refers to a body of literary works regarded as significant, authoritative, and worthy of study. This course seeks to engage critically with changing expressions of canonicity over time. What cultural forces have affected canon formation? What do literary canons reveal about the values and biases of their societies? In what ways might decolonization and globalism shape the study of nationalistically based literary traditions?

Prerequisite(s): 6 credit units of 100-level English

Note: Students with credit for ENG 202.6 may not take this course for credit.

Instructor(s): English faculty

Rationale: The department is recasting and reducing ENG 202 Reading the Canon: Texts and Contexts from 6 to 3 credit units as part of a process of eliminating all of our 6 credit units courses for administrative expediency. ENG 210.3 will replace ENG 202 in the list of courses that may be used to meet the English Language Writing Requirement in Arts & Science programs.

ENG 210.3 Literary Canons and Cultural Power

3 Lecture hours

This course is designed to introduce students to a history of English Literature through snapshots of historical and contemporary developments in the technology and impact of the book. It focuses on three aspects of the book's history and its prospects: the evolution of media, from bound leaves of parchment or paper, to contemporary e-books and web pages; the relationship between the medium of expression and literary expression; and the relationships between the history of the book and the culture of digital texts. In the process, we will explore medieval scriptoria; the invention and impact of the Gutenberg printing press; the impact of mass-produced books and of digital texts; and the relationships between media and literature.

Prerequisite(s): 6 credit units of 100-level English

Note: Students with credit for ENG 204.6 may not take this course for credit.

Instructor(s): English faculty

Rationale: The department is recasting and reducing ENG 204 History and Future of the Book from 6 to 3 credit units as part of a process of eliminating all of our 6 credit units courses for administrative expediency. ENG 211.3 will replace ENG 204 in the list of courses that may be used to meet the English Language Writing Requirement in Arts & Science programs.

ENG 394.3 Literary and Cultural Theory

3 Lecture hours

Literary theory serves as a kind of base for all modes of criticism and interpretation; it can be thought of as playing a similar role as math does for the sciences, or philosophy for history. This course offers an introduction to some of the major texts and approaches to literary and cultural theory, going as far back as antiquity, but with an emphasis on relatively contemporary debates.

Prerequisite(s) or Co-requisite(s): 3 credit units of 200-level English

Note: Students with credit for ENG 203.6 may not take this course for credit.

Instructor(s): English faculty

Rationale: The department is recasting and reducing ENG 203 Critical Approaches to Reading English from 6 to 3 credit units as part of a process of eliminating all of our 6 credit units courses for administrative expediency. ENG 394.3 will replace ENG 203 in the list of courses that may be used to meet the English Language Writing Requirement in Arts & Science programs.

Course deletion(s):

ENG 202.6 Reading the Canon Texts and Contexts

ENG 203.6 Critical Approaches to Reading English

ENG 204.6 History and Future of the Book

Rationale: These courses are being replaced by 3 credit unit versions. See above.

Hebrew

Minor course revisions

HEB 117.3 Introduction to Hebrew II

Prerequisite change:

Old prerequisite(s): None

New prerequisite(s): HEB 114.3

Rationale: This prerequisite was accidentally omitted when HEB 111.6 was split into HEB 114.3 and 117.3. Students must complete the first course in order to be successful in the second.

History

New course(s):

HIST 204.3 Animals in the Greek and Roman World

3 Lecture hours

This course introduces students to the wide variety of ways that animals shaped the lives and thoughts of the ancient Greeks and Romans. We'll examine a diverse range of primary sources to explore the full spectrum of human-animal encounters. Special attention will be given to the social dimensions of how people interacted with animals in numerous areas of life, including at home, in social settings and at war. We'll also examine how animals were cared for, from animal husbandry to the beginnings of veterinary medicine. We'll analyze the myriad roles that animals played in classical literature to shed light on expectations and ideals for human life. We'll see that some viewed them as mere tools for human use, while others viewed them as rational, moral beings deserving of just treatment. Ultimately, we'll see that it is only by examining society's relationship with animals that we can understand the human experience in the Greco-Roman world.

Prerequisite(s): 3 credit units HIST at the 100 level; or 30 credit units of University level courses

Instructor(s): Kyle McLeister

Rationale: This course improves the department's offerings in the field, reflects the research interests of the instructor, and responds to student demands.

HIST 243.3 The Reverberations of the Industrial Revolution 1750 to today

3 Lecture hours

Was there an Industrial Revolution? This seems like an odd question given the importance of industrialization in the modern world, but when historians searched the evidence many concluded the Industrial Revolution was "neither very industrial nor very revolutionary". We'll work to understand why industrialization started in Britain and debate whether it needs to be renamed. We will then explore the economic, social, political and environmental consequences of industrialization in England, Scotland and Wales; including how urbanization and industrialization changed social and gender relations, creating new demands for democratic reform, unionization and women's rights. We'll look at the global history of industrialization, from the cotton plantations, wheat fields, sheep stations, palm groves and copper mines that supplied raw materials to British factories, to the spread of industrial economies to Germany, North America, Japan and China. While exploring these interconnected histories, we will learn about different methods and approaches to history such as economic, social, political and environmental history.

Prerequisite(s): 3 credit units HIST at the 100 level; or 30 credit units of University level courses

Instructor(s): Jim Clifford

Rationale: This course improves the department's offerings in the field, reflects the research interests of the instructor, and responds to student demands.

HIST 254.3 The Age of Total Wars in 20th Century Europe

3 Lecture hours

This class is focused on the extensive analysis of the World Wars. We will learn, in particular, about life in the trenches during WW1, the role of women in the "home front," and the encounters between Europeans and colonial troops during the Great War. Moreover, we will read about Western and Eastern Fronts during WW2, and the war in the Pacific. Finally, we will focus our attention on race and gender dynamics during the Second World War, and on the Holocaust. This course will give you the opportunity of studying the World Wars, their premises, and their consequences from different historiographical perspectives and methodological angles.

Prerequisite(s): 3 credit units HIST at the 100 level; or 30 credit units of University level courses

Instructor(s): Alessio Ponzio

Rationale: This course improves the department's offerings in the field, reflects the research interests of the instructor, and responds to student demands.

HIST 319.3 War in German history from Luther to Clausewitz

1.5 Lecture and 1.5 Seminar hours

Warfare was a force for incredible creative destruction on the German lands between 1500 and 1800. It accompanied and catalysed confessional division, political fragmentation, demographic catastrophe, state formation, and national revitalization. The German peoples' particular entry into and exit from early modernity are inseparable from their experiences of war. This course introduces students to key themes in the military, social, economic, political, and intellectual history of the German lands between the careers of the theologian Martin Luther and the military theorist Carl von Clausewitz. It highlights the

complex ways early modern warfare shaped and was shaped by structural and contingent factors, often with profound consequences for broader German societies and subsequent generations.

Prerequisite(s): 3 credit units 200-level HIST courses, or 60 credit units of university studies, or at the permission of the instructor

Instructor(s): Matthew Neufeld

Rationale: This course improves the department's offerings in the field, reflects the research interests of the instructor, and responds to student demands.

HIST 405.3 Wars and Sexualities in 20th Century Europe

3 Seminar hours

This class, moving from WWI to the 1990s Balkan Wars, from France to Ethiopia, Auschwitz, Algiers and Saigon, aims at analyzing the relationship between war, gender and sexualities. In this course we will confront not only the issue of sexual violence, but we will also talk about desire and love. Reading works based on thorough research we will see the intimate tie between the history of sexuality and military history. In this class we will expose the constructedness of gender and sexuality, and we will see how military conflicts had distinct impacts on the lives of women, men and children. Our investigation over the course of the semester will allow us to touch on a variety of themes including sexuality, gender, race, colonialism, citizenship, and more. Students taking this course should have some background in modern European history and/or gender studies.

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

Instructor(s): Alessio Ponzio

Rationale: This course improves the department's offerings in the field, reflects the research interests of the instructor, and responds to student demands.

Indigenous Studies

Minor program revisions

Bachelor of Arts Honours, Double Honours, Four-year, Three-year and Minor programs in Indigenous Studies

Remove INDG 261 and INDG 262 as required courses, and add INDG 210 and INDG 216 in their place.

Bachelor of Arts Honours (B.A. Honours) - Indigenous Studies

B4 Major Requirement (51 credit units)

- **INDG 210.3 Indigenous Ways of Knowing**
- **INDG 216.3 The Presence of the Past in Contemporary Indigenous Life**
- **INDG 252.3 Introduction to Indigenous Studies Research Methods**
- ~~**INDG 261.3 Aboriginal Intellectual and Cultural Traditions in Western Canada**~~
- ~~**INDG 262.3 Aboriginal Narratives of Historical Memory**~~
- **INDG 264.3 Aboriginal People and Canadian Politics**

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

B4 Major Requirement (39 credit units)

- **INDG 210.3 Indigenous Ways of Knowing**
- **INDG 216.3 The Presence of the Past in Contemporary Indigenous Life**
- **INDG 252.3 Introduction to Indigenous Studies Research Methods**
- ~~**INDG 261.3 Aboriginal Intellectual and Cultural Traditions in Western Canada**~~
- ~~**INDG 262.3 Aboriginal Narratives of Historical Memory**~~
- **INDG 264.3 Aboriginal People and Canadian Politics**

...

□ Bachelor of Arts Three-year (B.A. Three-year) - Indigenous Studies

B4 Major Requirement (33 credit units)

- INDG 210.3 Indigenous Ways of Knowing
- INDG 216.3 The Presence of the Past in Contemporary Indigenous Life
- **INDG 252.3** Introduction to Indigenous Studies Research Methods
- ~~INDG 261.3 Aboriginal Intellectual and Cultural Traditions in Western Canada~~
- ~~INDG 262.3 Aboriginal Narratives of Historical Memory~~
- **INDG 264.3** Aboriginal People and Canadian Politics

...

Bachelor of Arts Double Honours - Indigenous Studies - Major 1

B4 Major Requirement (42 credit units)

- INDG 210.3 Indigenous Ways of Knowing
- INDG 216.3 The Presence of the Past in Contemporary Indigenous Life
- **INDG 252.3** Introduction to Indigenous Studies Research Methods
- ~~INDG 261.3 Aboriginal Intellectual and Cultural Traditions in Western Canada~~
- ~~INDG 262.3 Aboriginal Narratives of Historical Memory~~
- **INDG 264.3** Aboriginal People and Canadian Politics

...

Double Honours - Indigenous Studies - Major 2

Requirements (42 credit units)

- INDG 210.3 Indigenous Ways of Knowing
- INDG 216.3 The Presence of the Past in Contemporary Indigenous Life
- **INDG 252.3** Introduction to Indigenous Studies Research Methods
- ~~INDG 261.3 Aboriginal Intellectual and Cultural Traditions in Western Canada~~
- ~~INDG 262.3 Aboriginal Narratives of Historical Memory~~
- **INDG 264.3** Aboriginal People and Canadian Politics

...

Indigenous Studies - Minor

Requirements (24 credit units)

- INDG 210.3 Indigenous Ways of Knowing
- INDG 216.3 The Presence of the Past in Contemporary Indigenous Life
- ~~INDG 261.3 Aboriginal Intellectual and Cultural Traditions in Western Canada~~
- ~~INDG 262.3 Aboriginal Narratives of Historical Memory~~
- **INDG 264.3** Aboriginal People and Canadian Politics

...

Rationale: The introduction of INDG 216.3 (The Presence of the Past in Contemporary Indigenous Life), which will replace both of INDG 261.3 and 262.3, allows the department to streamline its history offerings by having one required 200-level history course instead of two. INDG 210 provides students with introductory understanding of the 'diversities of Indigenous Knowledge' that gives the foundation upon which Indigenous Studies is built.

New course(s):**CREE 212.3 Introduction to Cree Grammar and Literacy**

3 Lecture hours

This course introduces the grammar structure of the Plains Cree language through the use of a textbook and handouts. CREE 212 builds on CREE 110/101. It will provide a more linguistic and grammatical approach in learning the Plains Cree language. This is not an immersion course. A variety of individual and group activities involving oracy-based and literacy-based exercises will be consistently utilized in the classroom.

Prerequisite(s): CREE 101.6 or 110.3

Instructor(s): Randy Morin

Rationale: Responds to student demands for expanded course offerings in this subject area and aligns with strategic priorities.

INDG 216.3 The Presence of the Past in Contemporary Indigenous Life

3 Lecture hours

This course explores the presence of the past in contemporary Indigenous life in present-day Canada. Through lectures, readings, discussions, assignments and guest-speakers, students will gain a deeper understanding of the sources and natures of selected current issues by interrogating them in their historical contexts.

Prerequisite(s): INDG 107.3

Note: Students with credit for INDG 261.3 or INDG 262.3 may not take this course for credit.

Instructor(s): Winona Wheeler, Allyson Stevenson, Rob Innes

Rationale: INDG 216.3 will replace both of INDG 261.3 and 262.3, each of which were history-based courses and required in the Indigenous Studies programs. We have decided to streamline our 200-level history course and offer only one 200 level history-based course.

INDG 415.3 Indigenous Genocide

3 Seminar hours

That the literature on Indigenous genocide is relatively sparse reflects the degree in which non-Indigenous North Americans have constructed their national histories that either erases Indigenous historical presence as in the United States or as in Canada promotes a benevolent national character. As a result, in both countries there is a refusal to take seriously any claims of Indigenous genocide. This reading course will provide students the opportunity to explore the various ways in which genocide has been enacted upon Indigenous peoples, how discussions about Indigenous genocide has shifted in recent years, and the multitude of long-term implications genocide has created for Indigenous people.

Prerequisite(s): Two of INDG 210, INDG 216, INDG 261 and INDG 262

Note: Students with credit for INDG 498.3 Indigenous Genocide may not take this course for credit.

Instructor(s): Rob Innes

Rationale: This course improves the department's offerings in the field, reflects the research interests of the instructor, and responds to student demands.

Course deletions(s):**INDG 261.3 Aboriginal Intellectual and Cultural Traditions in Western Canada****INDG 262.3 Aboriginal Narratives of Historical Memory**

Rationale: INDG 261 and INDG 262 will be replaced by INDG 216.3 (The Presence of the Past in Contemporary Indigenous Life).

Minor course revisions**INDG 340 Theory and Aboriginal Society****INDG 341 Indigenous Economic and Social Participation in the Fur Trade****INDG 366 Indigenous Peoples and Nation States****INDG 370 Images of Indigenous North America**

Prerequisite change:

Old prerequisite(s): NS 261 or INDG 261, and NS 262 or INDG 262, and 6 credit units 200-level Native Studies or Indigenous Studies

New Prerequisite(s): INDG 216 and 6 credit units 200-level INDG.

Rationale: INDG 261 and INDG 262 will be replaced by INDG 216.3.

Linguistics

New course(s):

LING 230.3 Aspects of Translation Theories and Practice

3 Lecture hours

This course introduces students to translation studies from linguistic, cultural and interdisciplinary perspectives. The course considers the nature of linguistic meaning, as well as semantic and cognitive processes involved in translation. Text types and styles are analyzed. Discoursal and pragmatic aspects of translation are considered along with cultural and ideological backgrounds. The learners will develop practical translation skills (from and to English and the other language of their competence).

Prerequisite(s): LING 111.3; and 6 credit units of courses in one language other than English, or permission of the instructor.

Instructor(s): Veronika Makarova, Henri Biahé

Rationale: This course fills in a gap in current Linguistics Program offerings. The course is created as a collaborative effort of the Linguistics and French programs and will be of interest for students taking courses offered by the Department of Languages, Literatures, and Cultural Studies, St. Thomas More, and the Department of Linguistics.

Mathematics

Minor program revisions

Minor in Mathematics

Add restriction so that students may not include any of MATH101, 102, 104, 125 or 150 as part of a Minor in Mathematics.

Mathematics - Minor

Students who, in conjunction with an Arts & Science degree in a different subject, take 18 credit units or more of Mathematics courses will receive a Minor in Mathematics. At least 3 credit units must be at the 300- or 400-level. Courses listed under the "C4 Major Requirement" of the student's program Major cannot be used to meet requirements for the Minor. **In addition, the following courses may not be used to meet the requirements of the Minor:**

- MATH 101.3
- MATH 102.3
- MATH 104.3
- MATH 125.3
- MATH 150.3

The Minor average in Mathematics will be calculated using the grades earned in all courses eligible to be included in the Minor program requirements. Students must complete at least two-thirds of the program requirements (rounded to the nearest highest multiple of 3 credit units) using courses offered by the University of Saskatchewan to meet the Residency requirement.

Rationale: The excluded courses are designed solely as service courses and are thus not appropriate to be included towards the Minor in Mathematics.

Music

Minor program revisions

Bachelor of Arts Honours, Four-year, and Three-year in Music

For all programs, add MUS 115.3 as a required course; remove MUS 180.0. For the Three-year program only, reduce the restricted electives in D4 by 3 credit units. For the Honours and Four-year programs only, reduce the Electives Requirement D5 by 3 credit units.

Bachelor of Arts Honours (B.A. Honours) - Music

D4 Major Requirements (48 51 credit units)

- 1 credit unit MUAP Ensemble
- **MUS 115.3 Introduction to Music Education**
- [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 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present

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

...

D5 Electives Requirement (42 39 credit units)

...

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

D4 Major Requirements (48 51 credit units)

- 1 credit unit MUAP Ensemble
- **MUS 115.3 Introduction to Music Education**
- [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 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present

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

...

D5 Electives Requirement (42 39 credit units)

...

Bachelor of Arts Three-year (B.A. Three-year) - Music

D4 Major Requirements (42 credit units)

- 1 credit unit MUAP Ensemble
- [MUS 115.3](#) Introduction to Music Education
- [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 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present

Choose **42 9 credit units** from the following:

...

Bachelor of Music Honours in Music (Performance)

Requirement G2: Add MUS 115.3 as a required course; remove MUS 180.0; reduce Music History Electives from 9 to 6 credit units; add MUS 463.3 to the list of Music History Electives; Add MUS 453.3 as an alternate to MUS 312.3 under Music Elective (Literature/Pedagogy) for vocal majors; add MUS 386.3 to the list of Theory/Analysis Electives; and add MUS 175.3 to list of Music Electives.

Requirement G3: Replace requirement for MUAP 445.3 with option to choose either MUAP 445.3 or 455.3.

Bachelor of Music Performance Honours (B.Mus. Performance Honours)

G2 Music (65 credit units)

- [MUS 115.3](#) Introduction to Music Education
- [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 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present
- [MUS 325.3](#) Conducting Introduction

Music History Electives

Choose **9 6 credit units** from the following:

- MUS 303.3
- [MUS 311.3](#) History of Opera
- [MUS 363.3](#) Music of Baroque Period
- [MUS 364.3](#) Music of Classical Period
- MUS 365.3
- MUS 367.3
- [MUS 368.3](#) Music in Canada
- MUS 450.3
- [MUS 453.3](#) Seminar in Choral Literature and Materials
- [MUS 463.3](#) Seminar in Wind Literature and Materials
- [MUS 464.3](#) Research Seminar in Musicology I
- [MUS 465.3](#) Research Seminar in Musicology II
- MUS 472.3

Music Elective (Literature/Pedagogy)

- Wind/Brass majors must take [MUS 463.3](#) Seminar in Wind Literature and Materials (formerly MUS 350) and 3 credit units Open Music Elective.
- Piano majors must take [MUS 354.3](#) Survey of Keyboard Literature and MUS 359.3.
- Voice majors must take [MUS 312.3](#) Vocal Literature or [MUS 453.3](#) Seminar in Choral Literature and Materials; and MUS 313.3.

Theory/Analysis Electives

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

- [MUS 307.3](#) Orchestration I
- [MUS 346.3](#) Pre Baroque Counterpoint
- MUS 367.3
- [MUS 386.3](#) Jazz Arranging
- [MUS 447.3](#) Structural Musical Analysis
- [MUS 457.3](#) Music since 1950
- [MUS 485.3](#) Introduction to Schenkerian Analysis

Music Electives

Choose **12 credit units** from the following:

- [MUAP 201.1](#) Wind Orchestra
- [MUAP 202.1](#) Concert Band
- [MUAP 203.1](#) Greystone Singers
- [MUAP 204.1](#) University Chorus
- [MUAP 205.1](#) Orchestra with Strings
- [MUAP 206.1](#) Music Theatre
- [MUAP 207.1](#) Chamber Ensemble
- [MUAP 208.1](#) Jazz Ensemble
- MUAP 209.1
- MUAP 210.1
- [MUAP 211.1](#) Ensemble
- [MUS 175.3](#) Jazz History Survey
- [MUS 184.3](#) Jazz Materials
- [MUS — 200-Level, 300-Level, 400-Level](#)

G3 Applied Music (24 credit units)

- [MUAP 143.3](#) Applied Music Private Study I
- [MUAP 145.3](#) Applied Music Private Study II
- [MUAP 243.3](#) Applied Music Private Study III
- [MUAP 245.3](#) Applied Music Private Study IV
- [MUAP 343.3](#) Performance Music Majors Applied Music Private Study V
- [MUAP 345.3](#) Performance Music Majors Applied Music Private Study VI
- [MUAP 443.3](#) Performance Music Major Applied Music Private Study VII
- ~~[MUAP 445.3](#) Performance Music Majors Applied Music Private Study VIII~~

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

- [MUAP 445.3](#) Performance Music Majors Applied Music Private Study VIII
- [MUAP 455.3](#) Performance Applied Music and Lecture Private Study VIII

Bachelor of Music Four-year in Music (Individualized)

Requirement G2: Add MUS 115.3 as a required course; remove MUS 180.0; reduce Music Electives from 21 to 18 credit units; add MUS 453.3 and MUS 463.3 to the list of Music History Electives; add MUS 386.3 to the list of Theory/Analysis Electives; and add MUS 175.3 to list of Music Electives.

Requirement G3: Replace MUAP 343.3, 345.3, and 443.3 with MUAP 333.3, 335.3, and 433.3. Replace requirement for MUAP 445.3 with option to choose either MUAP 435.3 or 453.3.

Bachelor of Music Individualized (B.Mus. Individualized)

G2 Music (62 credit units)

- [MUS 115.3](#) Introduction to Music Education
- [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 255.3](#) Music History II Compositions Cultures and Connections from the Late Classical Period to the Present

Theory/Analysis Electives

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

- [MUS 307.3](#) Orchestration I
- [MUS 346.3](#) Pre Baroque Counterpoint
- MUS 367.3
- [MUS 386.3](#) Jazz Arranging
- [MUS 447.3](#) Structural Musical Analysis
- [MUS 457.3](#) Music since 1950
- [MUS 485.3](#) Introduction to Schenkerian Analysis

Music History Electives

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

- MUS 303.3
- [MUS 311.3](#) History of Opera
- [MUS 363.3](#) Music of Baroque Period
- [MUS 364.3](#) Music of Classical Period
- MUS 365.3
- [MUS 368.3](#) Music in Canada
- MUS 450.3
- [MUS 453.3](#) Seminar in Choral Literature and Materials
- [MUS 463.3](#) Seminar in Wind Literature and Materials
- [MUS 464.3](#) Research Seminar in Musicology I
- [MUS 465.3](#) Research Seminar in Musicology II
- MUS 472.3

Music Electives

Choose **24 18 credit units** from the following:

- [MUAP 201.1](#) Wind Orchestra
- [MUAP 202.1](#) Concert Band
- [MUAP 203.1](#) Greystone Singers
- [MUAP 204.1](#) University Chorus
- [MUAP 205.1](#) Orchestra with Strings
- [MUAP 206.1](#) Music Theatre
- [MUAP 207.1](#) Chamber Ensemble

- [MUAP 208.1](#) Jazz Ensemble
- MUAP 209.1
- MUAP 210.1
- [MUAP 211.1](#) Ensemble
- [MUS 175.3](#) Jazz History Survey
- [MUS 184.3](#) Jazz Materials
- [MUS — 200-Level, 300-Level, 400-Level](#)

G3 Applied Music (24 credit units)

- [MUAP 143.3](#) Applied Music Private Study I
- [MUAP 145.3](#) Applied Music Private Study II
- [MUAP 243.3](#) Applied Music Private Study III
- [MUAP 245.3](#) Applied Music Private Study IV
- ~~[MUAP 343.3](#) Applied Music Private Study V~~
- ~~[MUAP 345.3](#) Applied Music Private Study VI~~
- ~~[MUAP 443.3](#) Applied Music Private Study VII~~
- ~~[MUAP 445.3](#) Applied Music Private Study VIII~~
- MUAP 333.3 Applied Music Private Study V
- MUAP 335.3 Applied Music Private Study VI
- MUAP 433.3 Applied Music Private Study VII

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

- MUAP 435.3 Applied Music Private Study VIII
- MUAP 453.3 Applied Music and Lecture Private Study VIII

Rationale: Addition of MUS 115.3 (Introduction to Music Education): Students entering music programs are encouraged to explore the various streams of music (musicology, theory, performance through applied lessons, music education) in a common first year program and can subsequently indicate an area of specialization after their first year. Currently, there are first year introductory courses in all of these aforementioned music streams except for music education. The introduction of this foundations course as a required course in first year will provide students with the skills and knowledge to make an informed decision when choosing to specialize in a focused stream. By including this requirement in the B.A. 3-year, 4-year, and Honours programs we are placing these students at an advantage if they decide to enter into another degree stream (i.e. B.Mus. Music Education).

Removal of MUS 180.0 (Introduction to Library Research Methods): The skills and materials taught in MUS 180 will be integrated into the music history sequence (MUS 155, MUS 156, and the new MUS 255). The rationale is that the content will be covered over a longer period of time and will be paired with assignments that promote its application, thus facilitating mastery and retention.

MUS 175, 386, 453, and 463 are added as relevant courses in the respective lists (see above), which will provide students with greater opportunities for course selection and make it easier for them to complete their degree requirements in a timely manner.

Changes to the MUAP course requirements in G3 align with recently approved changes to these courses, which allows the department to set appropriate and distinct learning goals and evaluation criteria for students in the Music Education, Performance and Individualized programs.

Course deletion(s):

MUS 180.0 Introduction to Library Research Methods

Rationale: The skills and materials taught in MUS 180 will be integrated into the music history sequence (MUS 155, MUS 156, and MUS 255). The rationale is that the content will be covered over a longer period of time and will be paired with assignments that promote its application, thus facilitating mastery and retention.

Music Education

Minor program revisions

Bachelor of Music Honours and Four-year in Music Education

Requirement G2: Add MUS 115.3 as a required course; remove MUS 180.0; reduce Music Theory or Music History Electives from 6 to 3 credit units; and add MUS 386.3, MUS 453.3 and MUS 463.3 to the list of Music Theory or Music History Electives.

Requirement G3: Replace MUAP 343.3, 345.3, and 443.3 with MUAP 333.3, 335.3, and 433.3. Replace requirement for MUAP 445.3 with option to choose either MUAP 435.3 or 453.3.

[Bachelor of Music Honours \(Music Education\) \(B.Mus.\(Mus.Ed.\)\) - Early/Middle Years](#)

[Bachelor of Music Honours \(Music Education\) \(B.Mus.\(Mus.Ed.\)\) - Secondary](#)

[Bachelor of Music \(Music Education\) \(B.Mus.\(Mus.Ed.\)\) - Early/Middle Years](#)

[Bachelor of Music \(Music Education\) \(B.Mus.\(Mus.Ed.\)\) - Secondary](#)

G2 Music (41 credit units)

- [MUS 115.3 Introduction to Music Education](#)
- [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 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

Music Theory or Music History Elective

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

- MUS 303.3
- [MUS 307.3](#) Orchestration I
- [MUS 311.3](#) History of Opera
- [MUS 346.3](#) Pre Baroque Counterpoint
- [MUS 363.3](#) Music of Baroque Period
- [MUS 364.3](#) Music of Classical Period
- MUS 365.3
- MUS 367.3
- [MUS 386.3 Jazz Arranging](#)
- [MUS 368.3](#) Music in Canada
- [MUS 447.3](#) Structural Musical Analysis
- MUS 450.3
- [MUS 453.3 Seminar in Choral Literature and Materials](#)

- [MUS 463.3 Seminar in Wind Literature and Materials](#)
- [MUS 457.3 Music since 1950](#)
- [MUS 464.3 Research Seminar in Musicology I](#)
- [MUS 465.3 Research Seminar in Musicology II](#)
- MUS 472.3
- [MUS 485.3 Introduction to Schenkerian Analysis](#)

G3 Applied Music (24 credit units)

- [MUAP 143.3 Applied Music Private Study I](#)
- [MUAP 145.3 Applied Music Private Study II](#)
- [MUAP 243.3 Applied Music Private Study III](#)
- [MUAP 245.3 Applied Music Private Study IV](#)
- ~~[MUAP 343.3 Applied Music Private Study V](#)~~
- ~~[MUAP 345.3 Applied Music Private Study VI](#)~~
- ~~[MUAP 443.3 Applied Music Private Study VII](#)~~
- ~~[MUAP 445.3 Applied Music Private Study VIII](#)~~
- MUAP 333.3 Applied Music Private Study V
- MUAP 335.3 Applied Music Private Study VI
- MUAP 433.3 Applied Music Private Study VII

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

- MUAP 435.3 Applied Music Private Study VIII
- MUAP 453.3 Applied Music and Lecture Private Study VIII

Rationale: See B.A. and B.Mus. in Music, above.

Women's and Gender Studies

Minor program revisions

Bachelor of Arts Honours, Double Honours, Four-year, Three-year and Minor in Women's and Gender Studies

Add INDG 216, 230, 255, 256, 320, and 330 as alternates to HIST 259 or HIST 260 for all program levels.

Bachelor of Arts Honours (B.A. Honours) - Women's and Gender Studies

B4 Major Requirement (48 credit units)

- [WGST 112.3](#) Introduction to Womens and Gender Studies
- ~~[HIST 259.3 Canadian Women from Pre Contact Period to 1918](#) or [HIST 260.3 Canadian Women History from 1919 to Present](#)~~
- [WGST 311.3](#) Contemporary Feminist Theories
- [WGST 312.3](#) Feminist Research Methodologies
- [WGST 400.0](#) Honours Colloquium

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

- [HIST 259.3](#) Canadian Women from Pre Contact Period to 1918
- [HIST 260.3](#) Canadian Women History from 1919 to Present
- [INDG 216.3](#) The Presence of the Past in Contemporary Indigenous Life

- [INDG 255.3](#) Cultural Survival of Aboriginal Family
- [INDG 256.3](#) A Critical Survey of the History of Indigenous Child Welfare in Canada
- [INDG 320.3](#) Transnational Indigenous Activism
- [INDG 330.3](#) Critical Perspectives on Indigenous Sexualities and the Law

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

- [WGST — 400-Level](#)

Choose **30 credit units** from the following:

At least **12 credit units** must be at the 300- level or above.

- [ANTH 310.3](#) Anthropology of Gender
- [ANTH 332.3](#) Anthropology of Contagion and Infectious Disease Critical Gender and Race Perspectives
- [ARTH 257.3](#) Introduction to Canadian Art and Architecture II
- [ARTH 323.3](#) European Colonialism in Visual Arts 1880 to 1920
- ARTH 340.3
- ARTH 350.3
- [ARTH 355.3](#) Contemporary Aboriginal Art I
- [ARTH 358.3](#) Postmodernism in Art
- [ARTH 455.3](#) Contemporary Aboriginal Art II
- [ECON 221.3](#) Women and the Economy
- [ECON 227.3](#) Wage Determination
- EFDT 482.3
- [EFDT 486.3](#) Queering our Schools and Communities
- [ENG 203.6](#) Critical Approaches to Reading English
- [ENG 282.3](#) Feminist Critical Theory and Literature by Women
- [ENG 286.3](#) Courtly Love and Medieval Romance
- [ENG 338.3](#) Contemporary North American Indigenous Literatures
- [ENG 484.3](#) Topics in Literature by Women
- [HIST 259.3](#) Canadian Women from Pre Contact Period to 1918
- [HIST 260.3](#) Canadian Women History from 1919 to Present
- HIST 384.3
- HIST 392.3
- [HIST 414.3](#) Masculinity in Middle Ages and Renaissance
- [HIST 434.3](#) Fascism Gender and Sexuality
- [INDG 216.3](#) The Presence of the Past in Contemporary Indigenous Life
- [INDG 255.3](#) Cultural Survival of Aboriginal Family
- [INDG 256.3](#) A Critical Survey of the History of Indigenous Child Welfare in Canada
- [INDG 320.3](#) Transnational Indigenous Activism
- [INDG 330.3](#) Critical Perspectives on Indigenous Sexualities and the Law
- [INDG 370.6](#) Images of Indigenous North America
- [INTS 201.3](#) Dynamics of Community Involvement
- [IS 211.3](#) Introduction to International Studies Development
- [IS 212.3](#) International Studies and Conflict
- [LING 404.3](#) Language and Gender
- [PHIL 224.3](#) Philosophy of Sexuality
- [PHIL 227.3](#) Feminist Philosophy
- [POLS 336.3](#) Justice and Democracy

- [RLST 220.3](#) Women in Western Religious Traditions
- [RLST 303.3](#) Goddesses in Myth and History
- [RLST 321.3](#) Gender and God Talk
- [RLST 359.3](#) Helpmates Harlots Goddesses and Heroines
- [RLST 382.3](#) Sex, God and Rock n' Roll Re-Vamping the Sacred
- [SOC 219.3](#) Indigenous Peoples and Justice in Canada
- [SOC 260.3](#) Social Change and Global Solidarity
- SOC 334.3
- [SOC 344.3](#) Sociology of Women Gender and Development
- [WGST — 200-Level, 300-Level, 400-Level](#)

Bachelor of Arts Four-year (B.A. Four-year) - Women's and Gender Studies

B4 Major Requirement (36 credit units)

- [WGST 112.3](#) Introduction to Womens and Gender Studies
- ~~[HIST 259.3](#) Canadian Women from Pre Contact Period to 1918 or [HIST 260.3](#) Canadian Women History from 1919 to Present~~
- [WGST 311.3](#) Contemporary Feminist Theories
- [WGST 312.3](#) Feminist Research Methodologies

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

- [HIST 259.3](#) Canadian Women from Pre Contact Period to 1918
- [HIST 260.3](#) Canadian Women History from 1919 to Present
- [INDG 216.3](#) The Presence of the Past in Contemporary Indigenous Life
- [INDG 255.3](#) Cultural Survival of Aboriginal Family
- [INDG 256.3](#) A Critical Survey of the History of Indigenous Child Welfare in Canada
- [INDG 320.3](#) Transnational Indigenous Activism
- [INDG 330.3](#) Critical Perspectives on Indigenous Sexualities and the Law

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

- [WGST — 400-Level](#)

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

At least **6 credit units** must be at the 300- level or above.

- [ANTH 310.3](#) Anthropology of Gender
- [ANTH 332.3](#) Anthropology of Contagion and Infectious Disease Critical Gender and Race Perspectives
- [ARTH 257.3](#) Introduction to Canadian Art and Architecture II
- [ARTH 323.3](#) European Colonialism in Visual Arts 1880 to 1920
- ARTH 340.3
- ARTH 350.3
- [ARTH 355.3](#) Contemporary Aboriginal Art I
- [ARTH 358.3](#) Postmodernism in Art
- [ARTH 455.3](#) Contemporary Aboriginal Art II
- [ECON 221.3](#) Women and the Economy
- [ECON 227.3](#) Wage Determination

- EFDT 482.3
- [EFDT 486.3](#) Queering our Schools and Communities
- [ENG 203.6](#) Critical Approaches to Reading English
- [ENG 282.3](#) Feminist Critical Theory and Literature by Women
- [ENG 286.3](#) Courtly Love and Medieval Romance
- [ENG 338.3](#) Contemporary North American Indigenous Literatures
- [ENG 484.3](#) Topics in Literature by Women
- [HIST 259.3](#) Canadian Women from Pre Contact Period to 1918
- [HIST 260.3](#) Canadian Women History from 1919 to Present
- HIST 384.3
- HIST 392.3
- [HIST 414.3](#) Masculinity in Middle Ages and Renaissance
- [HIST 434.3](#) Fascism Gender and Sexuality
- [INDG 216.3](#) The Presence of the Past in Contemporary Indigenous Life
- [INDG 255.3](#) Cultural Survival of Aboriginal Family
- [INDG 256.3](#) A Critical Survey of the History of Indigenous Child Welfare in Canada
- [INDG 320.3](#) Transnational Indigenous Activism
- [INDG 330.3](#) Critical Perspectives on Indigenous Sexualities and the Law
- [INDG 370.6](#) Images of Indigenous North America
- [INTS 201.3](#) Dynamics of Community Involvement
- [IS 211.3](#) Introduction to International Studies Development
- [IS 212.3](#) International Studies and Conflict
- [LING 404.3](#) Language and Gender
- [PHIL 224.3](#) Philosophy of Sexuality
- [PHIL 227.3](#) Feminist Philosophy
- [POLS 336.3](#) Justice and Democracy
- [RLST 220.3](#) Women in Western Religious Traditions
- [RLST 303.3](#) Goddesses in Myth and History
- [RLST 321.3](#) Gender and God Talk
- [RLST 359.3](#) Helpmates Harlots Goddesses and Heroines
- [RLST 382.3](#) Sex, God and Rock n' Roll Re-Vamping the Sacred
- [SOC 219.3](#) Indigenous Peoples and Justice in Canada
- [SOC 260.3](#) Social Change and Global Solidarity
- SOC 334.3
- [SOC 344.3](#) Sociology of Women Gender and Development
- [WGST — 200-Level, 300-Level, 400-Level](#)

Bachelor of Arts Three-year (B.A. Three-year) - Women's and Gender Studies

B4 Major Requirement (30 credit units)

- [WGST 112.3](#) Introduction to Womens and Gender Studies
- ~~[HIST 259.3](#) Canadian Women from Pre Contact Period to 1918 or [HIST 260.3](#) Canadian Women History from 1919 to Present~~
- [WGST 311.3](#) Contemporary Feminist Theories
- [WGST 312.3](#) Feminist Research Methodologies

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

- [HIST 259.3](#) Canadian Women from Pre Contact Period to 1918
- [HIST 260.3](#) Canadian Women History from 1919 to Present
- [INDG 216.3](#) The Presence of the Past in Contemporary Indigenous Life

- [INDG 255.3](#) Cultural Survival of Aboriginal Family
- [INDG 256.3](#) A Critical Survey of the History of Indigenous Child Welfare in Canada
- [INDG 320.3](#) Transnational Indigenous Activism
- [INDG 330.3](#) Critical Perspectives on Indigenous Sexualities and the Law

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

At least **9 credit units** must be at the 300- level or above.

- [ANTH 310.3](#) Anthropology of Gender
- [ANTH 332.3](#) Anthropology of Contagion and Infectious Disease Critical Gender and Race Perspectives
- [ARTH 257.3](#) Introduction to Canadian Art and Architecture II
- [ARTH 323.3](#) European Colonialism in Visual Arts 1880 to 1920
- ARTH 340.3
- ARTH 350.3
- [ARTH 355.3](#) Contemporary Aboriginal Art I
- [ARTH 358.3](#) Postmodernism in Art
- [ARTH 455.3](#) Contemporary Aboriginal Art II
- [ECON 221.3](#) Women and the Economy
- [ECON 227.3](#) Wage Determination
- EFDT 482.3
- [EFDT 486.3](#) Queering our Schools and Communities
- [ENG 203.6](#) Critical Approaches to Reading English
- [ENG 282.3](#) Feminist Critical Theory and Literature by Women
- [ENG 286.3](#) Courtly Love and Medieval Romance
- [ENG 338.3](#) Contemporary North American Indigenous Literatures
- [ENG 484.3](#) Topics in Literature by Women
- [HIST 259.3](#) Canadian Women from Pre Contact Period to 1918
- [HIST 260.3](#) Canadian Women History from 1919 to Present
- HIST 384.3
- HIST 392.3
- [HIST 414.3](#) Masculinity in Middle Ages and Renaissance
- [HIST 434.3](#) Fascism Gender and Sexuality
- [INDG 216.3](#) The Presence of the Past in Contemporary Indigenous Life
- [INDG 255.3](#) Cultural Survival of Aboriginal Family
- [INDG 256.3](#) A Critical Survey of the History of Indigenous Child Welfare in Canada
- [INDG 320.3](#) Transnational Indigenous Activism
- [INDG 330.3](#) Critical Perspectives on Indigenous Sexualities and the Law
- [INDG 370.6](#) Images of Indigenous North America
- [INTS 201.3](#) Dynamics of Community Involvement
- [IS 211.3](#) Introduction to International Studies Development
- [IS 212.3](#) International Studies and Conflict
- [LING 404.3](#) Language and Gender
- [PHIL 224.3](#) Philosophy of Sexuality
- [PHIL 227.3](#) Feminist Philosophy
- [POLS 336.3](#) Justice and Democracy
- [RLST 220.3](#) Women in Western Religious Traditions
- [RLST 303.3](#) Goddesses in Myth and History
- [RLST 321.3](#) Gender and God Talk
- [RLST 359.3](#) Helpmates Harlots Goddesses and Heroines
- [RLST 382.3](#) Sex, God and Rock n' Roll Re-Vamping the Sacred

- [SOC 219.3](#) Indigenous Peoples and Justice in Canada
- [SOC 260.3](#) Social Change and Global Solidarity
- SOC 334.3
- [SOC 344.3](#) Sociology of Women Gender and Development
- [WGST — 200-Level, 300-Level, 400-Level](#)

Bachelor of Arts Double Honours - Women's and Gender Studies - Major 1

B4 Major Requirement (36 credit units)

- [WGST 112.3](#) Introduction to Womens and Gender Studies
- ~~[HIST 259.3](#) Canadian Women from Pre Contact Period to 1918 or [HIST 260.3](#) Canadian Women History from 1919 to Present~~
- [WGST 311.3](#) Contemporary Feminist Theories
- [WGST 312.3](#) Feminist Research Methodologies
- [WGST 400.0](#) Honours Colloquium

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

- [HIST 259.3](#) Canadian Women from Pre Contact Period to 1918
- [HIST 260.3](#) Canadian Women History from 1919 to Present
- [INDG 216.3](#) The Presence of the Past in Contemporary Indigenous Life
- [INDG 255.3](#) Cultural Survival of Aboriginal Family
- [INDG 256.3](#) A Critical Survey of the History of Indigenous Child Welfare in Canada
- [INDG 320.3](#) Transnational Indigenous Activism
- [INDG 330.3](#) Critical Perspectives on Indigenous Sexualities and the Law

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

- [WGST — 400-Level](#)

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

At least **6 credit units** must be at the 300- level or above.

- [ANTH 310.3](#) Anthropology of Gender
- [ANTH 332.3](#) Anthropology of Contagion and Infectious Disease Critical Gender and Race Perspectives
- [ARTH 257.3](#) Introduction to Canadian Art and Architecture II
- [ARTH 323.3](#) European Colonialism in Visual Arts 1880 to 1920
- ARTH 340.3
- ARTH 350.3
- [ARTH 355.3](#) Contemporary Aboriginal Art I
- [ARTH 358.3](#) Postmodernism in Art
- [ARTH 455.3](#) Contemporary Aboriginal Art II
- [ECON 221.3](#) Women and the Economy
- [ECON 227.3](#) Wage Determination
- EFDT 482.3
- [EFDT 486.3](#) Queering our Schools and Communities
- [ENG 203.6](#) Critical Approaches to Reading English
- [ENG 282.3](#) Feminist Critical Theory and Literature by Women
- [ENG 286.3](#) Courtly Love and Medieval Romance

- [ENG 338.3](#) Contemporary North American Indigenous Literatures
- [ENG 484.3](#) Topics in Literature by Women
- [HIST 259.3](#) Canadian Women from Pre Contact Period to 1918
- [HIST 260.3](#) Canadian Women History from 1919 to Present
- HIST 384.3
- HIST 392.3
- [HIST 414.3](#) Masculinity in Middle Ages and Renaissance
- [HIST 434.3](#) Fascism Gender and Sexuality
- [INDG 216.3](#) The Presence of the Past in Contemporary Indigenous Life
- [INDG 255.3](#) Cultural Survival of Aboriginal Family
- [INDG 256.3](#) A Critical Survey of the History of Indigenous Child Welfare in Canada
- [INDG 320.3](#) Transnational Indigenous Activism
- [INDG 330.3](#) Critical Perspectives on Indigenous Sexualities and the Law
- [INDG 370.6](#) Images of Indigenous North America
- [INTS 201.3](#) Dynamics of Community Involvement
- [IS 211.3](#) Introduction to International Studies Development
- [IS 212.3](#) International Studies and Conflict
- [LING 404.3](#) Language and Gender
- [PHIL 224.3](#) Philosophy of Sexuality
- [PHIL 227.3](#) Feminist Philosophy
- [POLS 336.3](#) Justice and Democracy
- [RLST 220.3](#) Women in Western Religious Traditions
- [RLST 303.3](#) Goddesses in Myth and History
- [RLST 321.3](#) Gender and God Talk
- [RLST 359.3](#) Helpmates Harlots Goddesses and Heroines
- [RLST 382.3](#) Sex, God and Rock n' Roll Re-Vamping the Sacred
- [SOC 219.3](#) Indigenous Peoples and Justice in Canada
- [SOC 260.3](#) Social Change and Global Solidarity
- SOC 334.3
- [SOC 344.3](#) Sociology of Women Gender and Development
- [WGST — 200-Level, 300-Level, 400-Level](#)

Bachelor of Arts Double Honours - Women's and Gender Studies - Major 2

Requirements (36 credit units)

- ~~[HIST 259.3](#) Canadian Women from Pre Contact Period to 1918 or [HIST 260.3](#) Canadian Women History from 1919 to Present~~
- [WGST 112.3](#) Introduction to Womens and Gender Studies
- [WGST 311.3](#) Contemporary Feminist Theories
- [WGST 312.3](#) Feminist Research Methodologies
- [WGST 400.0](#) Honours Colloquium

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

- [HIST 259.3](#) Canadian Women from Pre Contact Period to 1918
- [HIST 260.3](#) Canadian Women History from 1919 to Present
- [INDG 216.3](#) The Presence of the Past in Contemporary Indigenous Life
- [INDG 255.3](#) Cultural Survival of Aboriginal Family
- [INDG 256.3](#) A Critical Survey of the History of Indigenous Child Welfare in Canada
- [INDG 320.3](#) Transnational Indigenous Activism
- [INDG 330.3](#) Critical Perspectives on Indigenous Sexualities and the Law

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

- [WGST — 400-Level](#)

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

At least **6 credit units** must be at the 300- level or above.

- [ANTH 310.3](#) Anthropology of Gender
- [ANTH 332.3](#) Anthropology of Contagion and Infectious Disease Critical Gender and Race Perspectives
- [ARTH 257.3](#) Introduction to Canadian Art and Architecture II
- [ARTH 323.3](#) European Colonialism in Visual Arts 1880 to 1920
- ARTH 340.3
- ARTH 350.3
- [ARTH 355.3](#) Contemporary Aboriginal Art I
- [ARTH 358.3](#) Postmodernism in Art
- [ARTH 455.3](#) Contemporary Aboriginal Art II
- [ECON 221.3](#) Women and the Economy
- [ECON 227.3](#) Wage Determination
- EFDT 482.3
- [EFDT 486.3](#) Queering our Schools and Communities
- [ENG 203.6](#) Critical Approaches to Reading English
- [ENG 282.3](#) Feminist Critical Theory and Literature by Women
- [ENG 286.3](#) Courtly Love and Medieval Romance
- [ENG 338.3](#) Contemporary North American Indigenous Literatures
- [ENG 484.3](#) Topics in Literature by Women
- [HIST 259.3](#) Canadian Women from Pre Contact Period to 1918
- [HIST 260.3](#) Canadian Women History from 1919 to Present
- HIST 384.3
- HIST 392.3
- [HIST 414.3](#) Masculinity in Middle Ages and Renaissance
- [HIST 434.3](#) Fascism Gender and Sexuality
- [INDG 216.3](#) The Presence of the Past in Contemporary Indigenous Life
- [INDG 255.3](#) Cultural Survival of Aboriginal Family
- [INDG 256.3](#) A Critical Survey of the History of Indigenous Child Welfare in Canada
- [INDG 320.3](#) Transnational Indigenous Activism
- [INDG 330.3](#) Critical Perspectives on Indigenous Sexualities and the Law
- [INDG 370.6](#) Images of Indigenous North America
- [INTS 201.3](#) Dynamics of Community Involvement
- [IS 211.3](#) Introduction to International Studies Development
- [IS 212.3](#) International Studies and Conflict
- [LING 404.3](#) Language and Gender
- [PHIL 224.3](#) Philosophy of Sexuality
- [PHIL 227.3](#) Feminist Philosophy
- [POLS 336.3](#) Justice and Democracy
- [RLST 220.3](#) Women in Western Religious Traditions
- [RLST 303.3](#) Goddesses in Myth and History
- [RLST 321.3](#) Gender and God Talk
- [RLST 359.3](#) Helpmates Harlots Goddesses and Heroines
- [RLST 382.3](#) Sex, God and Rock n' Roll Re-Vamping the Sacred
- [SOC 219.3](#) Indigenous Peoples and Justice in Canada

- [SOC 260.3](#) Social Change and Global Solidarity
- SOC 334.3
- [SOC 344.3](#) Sociology of Women Gender and Development
- [WGST — 200-Level, 300-Level, 400-Level](#)

Women's and Gender Studies - Minor

Requirements (24 credit units)

- [WGST 311.3](#) Contemporary Feminist Theories
- [WGST 312.3](#) Feminist Research Methodologies

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

- [ANTH 310.3](#) Anthropology of Gender
- [ANTH 332.3](#) Anthropology of Contagion and Infectious Disease Critical Gender and Race Perspectives
- [ARTH 257.3](#) Introduction to Canadian Art and Architecture II
- [ARTH 323.3](#) European Colonialism in Visual Arts 1880 to 1920
- ARTH 340.3
- ARTH 350.3
- [ARTH 355.3](#) Contemporary Aboriginal Art I
- [ARTH 358.3](#) Postmodernism in Art
- [ARTH 455.3](#) Contemporary Aboriginal Art II
- [ECON 221.3](#) Women and the Economy
- [ECON 227.3](#) Wage Determination
- EFDT 482.3
- [EFDT 486.3](#) Queering our Schools and Communities
- [ENG 203.6](#) Critical Approaches to Reading English
- [ENG 282.3](#) Feminist Critical Theory and Literature by Women
- [ENG 286.3](#) Courtly Love and Medieval Romance
- [ENG 338.3](#) Contemporary North American Indigenous Literatures
- [ENG 484.3](#) Topics in Literature by Women
- [HIST 259.3](#) Canadian Women from Pre Contact Period to 1918
- [HIST 260.3](#) Canadian Women History from 1919 to Present
- HIST 384.3
- HIST 392.3
- [HIST 414.3](#) Masculinity in Middle Ages and Renaissance
- [HIST 434.3](#) Fascism Gender and Sexuality
- [INDG 216.3](#) The Presence of the Past in Contemporary Indigenous Life
- [INDG 255.3](#) Cultural Survival of Aboriginal Family
- [INDG 256.3](#) A Critical Survey of the History of Indigenous Child Welfare in Canada
- [INDG 320.3](#) Transnational Indigenous Activism
- [INDG 330.3](#) Critical Perspectives on Indigenous Sexualities and the Law
- [INDG 370.6](#) Images of Indigenous North America
- [INTS 201.3](#) Dynamics of Community Involvement
- [IS 211.3](#) Introduction to International Studies Development
- [IS 212.3](#) International Studies and Conflict
- [LING 404.3](#) Language and Gender
- [PHIL 224.3](#) Philosophy of Sexuality
- [PHIL 227.3](#) Feminist Philosophy
- [POLS 336.3](#) Justice and Democracy

- [RLST 220.3](#) Women in Western Religious Traditions
- [RLST 303.3](#) Goddesses in Myth and History
- [RLST 321.3](#) Gender and God Talk
- [RLST 359.3](#) Helpmates Harlots Goddesses and Heroines
- [RLST 382.3](#) Sex, God and Rock n' Roll Re-Vamping the Sacred
- [SOC 219.3](#) Indigenous Peoples and Justice in Canada
- [SOC 260.3](#) Social Change and Global Solidarity
- SOC 334.3
- [SOC 344.3](#) Sociology of Women Gender and Development
- [WGST — 100-Level, 200-Level, 300-Level, 400-Level](#)

Rationale: When WGST moved into the ICCC, History agreed to offer HIST 259 or 260 every year, to meet our degree requirements for a course in feminist histories. However, with those courses being offered less frequently, our students have been choosing INDG 2nd and 3rd year courses to meet the history requirement for our program, with an academic rationale provided to the Undergraduate Office on an ad hoc basis. This has been happening often enough to warrant a minor program change that would make the relevant courses eligible to meet the history requirement in WGST. A wider range of courses ensures that students are more likely to be able to meet the degree requirement in years when one or more of the options may not be offered.

Toxicology

New course(s):

TOX 405.3 21st Century Methods in Toxicology

3 Lecture hours

This course will provide an overview of 21st-century approaches in toxicology covering all levels of biological organization, from molecules to ecosystems. “Omics” methods to explore the impacts of chemical stressors on the diversity of transcripts (transcriptomics), proteins (proteomics), and metabolites (metabolomics) will be particularly emphasized. Exciting novel concepts, such as epigenetics and environmental DNA (eDNA) will be introduced and their use in toxicology and chemical risk assessment discussed. Last, students will be acquainted with various computational tools required to process the very large datasets resulting from these methods.

Prerequisite(s): TOX 300 and 3 credit units of 300- or 400-level TOX courses; or permission of the instructor.

Note: Students with credit for TOX 498.3 21st Century Methods in Toxicology may not take this course for credit.

Rationale: This course fills an important need in the Toxicology Undergraduate Program. It covers a variety of the most important new and emerging techniques employed in modern-day Toxicology research, and as such helps prepare our graduates to succeed in their future careers that increasingly require these skills. It also helps resolve a perceived gap in our offering. While undergraduate students often see graduate students present research using these novel techniques, they often had only limited exposure to them in their current Toxicology curriculum. This topic was offered as TOX 498.3 in Winter 2020, with excellent feedback from both students and a peer evaluator; the TOX 498.3 version will be taught a second time in Winter 2021.

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

Course split(s)

ENG 290.6 Introduction to English Linguistics and the History of the English Language

Into

ENG 212.3 A History of English Words

3 Lecture hours

This course surveys some aspects of the history of English as a language, from Proto-Indo-European to the present day, through exploring the formation and histories of English words. Students will learn skills and knowledge to study the lexicon and morphology of English, and will discover how the past of English affects its present.

Prerequisite(s): 6 credit units of 100-level ENG; or LING 111; or a senior course in a language.

Note: Students with credit for ENG 290.6 may not take this course for credit.

Instructor(s): Yin Liu

and

ENG 213.3 A History of English Sounds and Spelling

3 Lecture hours

This course surveys some aspects of the history of English as a language, from Proto-Indo-European to the present day, through exploring how English has been and is pronounced and written. We will investigate methods for studying English phonology and orthography, ways in which the human history of English speakers has shaped the language, dialect variety and standardisation, and past and present controversies surrounding spoken and written forms of English around the world.

Prerequisite(s): 6 credit units of 100-level ENG; or LING 111; or a senior course in a language.

Note: Students with credit for ENG 290.6 may not take this course for credit.

Instructor(s): Yin Liu

Rationale: We are splitting this course as part of our process of eliminating 6 credit unit courses for administrative expediency. As ENG 290.6 was included in the list of courses which may be used to meet the English Language Writing Requirement, each of the two courses resulting from the split will be included in that list.

College of Education – December 2020 University Course Challenge

The curricular revisions listed below were approved by the College of Education Faculty Council on Friday, December 4, 2020 and are now submitted to the University Course Challenge for approval.

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

Pre-requisite change:

EDST 321.3: Field Experience Learning in Contexts

This component of field study focuses on community and place-based learning in alternate sites of educational practice that offer an integrated and orienting place-based experience. In addition, teacher candidates will engage in weekly school-based experiences where they will engage with learners to more deeply understand and apply learning in contexts including instruction strategies, planning and adapting, assessment and evaluation, and the effective use of technology.

Prerequisite: EDST 213.0 (for only those students pursuing B.Ed. program routes that require EDST 213.0).

Prerequisite(s) or Corequisite(s): Students pursuing the B.Ed. Direct Entry Program must complete EFDT 101.3; ECUR 163.3 or ECUR 164.3 or ECUR 165.3; EFDT 265.3 or ECUR 265.3; EPSE 202.3.

Note: Students with credit for EDUC 321 will not receive credit for this course.

Addition of EMUS Courses:

Rationale: Faculty members in the Department of Music were hoping to find new, creative, and innovative ways to work with the College of Education to enhance student learning in the area of music education, and to establish a collaborative working environment to support future efforts. As a result of recent discussions and subsequent correspondence with faculty members in the Department of Music and in consultation with their Music Education Committee, Music would like to allow Education students to enroll in Music Education (EMUS) courses.

- **To allow 100-, 200-, 300-, and 400-level EMUS courses as an option to meet the Fine Arts requirement (3 credit units) for all of the B.Ed. program routes at the Early/Middle Years levels:**
 - **Direct Entry - Early/Middle Years**
 - **ITEP**
 - **SUNTEP – Saskatoon**
 - **SUNTEP – PA**

Course and Program Catalogue Entry

Choose **3 credit units** of Fine Arts

Please Note: not required if Arts Education is a Teaching Area.

- [ART — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ARTH — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [DRAM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [MUS — 100-Level, 200-Level, 300-Level, 400-Level](#)
- **[EMUS — 100-Level, 200-Level, 300-Level, 400-Level](#)**

- To allow 100-, 200-, 300-, and 400-level EMUS courses as possible Education elective options spaces for all B.Ed. program routes at the Early/Middle Years and Secondary levels, except the Sequential Music program route. The B.Ed. program routes include:
 - Direct Entry - Early/Middle Years
 - Direct Entry - Secondary
 - Technical Vocational
 - ITEP
 - SUNTEP – Saskatoon
 - SUNTEP – PA

Course and Program Catalogue Entry

Education Electives

Choose **X credit units** of Education electives from the following:

- [EADM — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ECUR — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [EFDT — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [EPSE — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [ETAD — 100-Level, 200-Level, 300-Level, 400-Level](#)
- [EMUS — 100-Level, 200-Level, 300-Level, 400-Level](#)

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

The following items are being proposed for a approval:

Approved by CGPS November 2, 2020

Minor Program Modifications

Graduate Professional Skills Certificate

Admission Requirements

- Registration in a graduate program or as a U of S postdoctoral fellow.

Deleted: <#>GPS 960.0 Introduction to Ethics and Integrity (in-class version)¶

Certificate Requirements

- Experiential learning opportunities (workshops, internships, courses, and other experiences completed to the extent that achievement of learning outcomes in GSR974 can be demonstrated (mapped to 10 skill domains) with artifacts and a reflective commentary)
- GPS 960.0 Introduction to Ethics and Integrity
- GPS 974.0 Graduate Professional Skills
- GPS 984.0 Thinking Critically Professional Skills for Global Citizen

Deleted: (in-class version)

Rationale: The GPS 960 class was inadvertently listed as both a requirement for a dmission and a requirement of the certificate. The GPS960 class may be completed concurrently with other certificate requirements and does not need to be completed in a dvance of commencing the certificate.

Approved by CGPS November 9, 2020

Master of Music (Performance)

Degree Requirements (Music Education Concentration)

Students must maintain continuous registration in the 992 course.

- 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
- MUS 992.0 Project for Master of Music Performance Majors
- keyboard requirement (non-keyboard majors)
- participation in professional activities
- A minimum of 24 credits units, including the following:
 - EMUS 838.3 Advanced Choral Music Teaching in the Secondary School or EMUS 848.3 Advanced Instrumental Music Teaching in the Secondary School
 - MUAP 820.0
 - MUS 828.3 Advanced Choral Pedagogy or MUS 838.3 Advanced Seminar in Instrumental Conducting
 - MUS 841.3 (Graduate students who have previously taken a bibliography course may petition the Department of Music Graduate Committee to have the bibliography requirement waived and to have another 800-level elective substituted in its place)
 - MUS 845.3 Seminar in Music Analysis
 - MUS 853.3 Seminar in Musicology I or MUS 854.3 Seminar in Musicology II

Deleted: Conducting/

- Three of: MUS 833.3 Advanced Seminar in Choral Literature and Materials, MUS 863.3 Advanced Seminar in Instrumental Literature and Materials, EMUS 841.3 Advanced Philosophical Basis of Music Education, EPSE 843.3 Theory of Educational and Psychological Measurement, EMUS 890.3 Advanced Seminar in Music Education and MUS 898.3 Special Topics

Master of Music (Performance)

Additional Selection Criteria for Conducting Concentration:

- Applicants will audition by submission of a video recording demonstrating their conducting ability

Degree Requirements (Conducting Concentration)

Students must maintain continuous registration in the 992 course.

- 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
- MUS 990.0 Graduate Music Forum
- MUS 992.0 Project for Master of Music Performance Majors
- A minimum of 24 credit units, including the following:

- MUS 811.3 Applied Performance Seminar I
- MUS 812.3 Applied Performance Seminar II
- MUS 813.3 Applied Performance Seminar III
- MUS 814.3 Applied Performance Seminar IV
- MUS 838.3 Advanced Seminar in Instrumental Conducting

○ 3 credit units from:

- MUS 821.3: Pedagogy of Music History and Musicology: Materials, Methods, and Curriculum Development,
- MUS 845.3 Seminar in Music Analysis
- MUS 853.3 Seminar in Musicology I
- MUS 854.3 Seminar in Musicology II
- MUS 822.3 Seminar in Shenkerian Theory MUS 851.3 Seminar in Music Theory
- MUS 855.3 Seminar in 20th Century Music Theory

- 6 credit units of electives approved by the student's advisory committee

Rationale: Currently, the Department of Music has a concentration of study at the graduate level that combines the study of Conducting and Music Education. However, as this concentration currently exists, it is not deliverable, nor is it sustainable. This proposed curricular change would allow the delivery of two separate streams, graduate studies in Conducting, and graduate studies in Music Education. This proposal allows for the placement of an independent Conducting concentration into the already existing field of Music Performance. The Music Education concentration will be renamed with no changes proposed at this time.

The study of Instrumental and/or Choral Conducting as a specific focus at the graduate level is common amongst almost all post-secondary institutions included in the U15. In addition, several universities not in this research-intensive collective also offer degrees which focus on the philosophy, mechanics and execution of Conducting as a musical endeavour. In the past, we have had potential graduate students inquire about this specific course of study within the Department of Music, but due to the outdated and unsustainable model currently in place, we have had to either accept them in another field of study, or

Deleted: /Music Education

Deleted: <#>keyboard requirement (non-keyboard majors)¶
<#>participation in professional activities¶

Deleted: <#>EMUS 838.3 Advanced Choral Music Teaching in the Secondary School or EMUS 848.3 Advanced Instrumental Music Teaching in the Secondary School¶
<#>MUAP 820.0¶
<#>MUS 828.3 Advanced Choral Pedagogy or

Deleted: MUS 841.3 (Graduate students who have previously taken a bibliography course may petition the Department of Music Graduate Committee to have the bibliography requirement waived and to have another 800-level elective substituted in its place)

Deleted: or

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Deleted: <#>Three of: MUS 833.3 Advanced Seminar in Choral Literature and Materials, MUS 863.3 Advanced Seminar in Instrumental Literature and Materials, EMUS 841.3 Advanced Philosophical Basis of Music Education, EPSE 843.3 Theory of Educational and Psychological Measurement, EMUS 890.3 Advanced Seminar in Music Education and MUS 898.3 Special Topics¶

turn them away. By allowing graduate students to study this particular aspect of musical performance, we can serve a new community of potential students, and further their own musical experience and knowledge.

New Course Proposals

CHE 886.3: Transport Phenomena for Chemical Engineers

Transport is one of the fundamental subjects in chemical engineering. This course is intended to prepare students to understand and solve a wider variety of problems encountered in research and literature. The course will cover theories and practical problems related to mass transfer, energy transfer, and momentum transfer in one-dimension and three-dimension domains.

Prerequisites: Undergraduate training in fluid mechanics, mathematics, reaction engineering and kinetics; permission of the instructor

Instructor: Lifeng Zhang, PhD

Rationale: The chemical engineering discipline is based on three fundamental transport phenomena (momentum, mass, and energy) in addition to reactions. Almost all chemical engineering research involves at least one of the transport phenomena. At present there is no such graduate level course available which prepares students to understand and solve a broader range of problems encountered in their research and literature reading. The proposed course will also enrich training in the graduate programs.

University Course Challenge, December 2020 College of Law

The following new course proposals are approved by the College of Law and are being submitted here for approval:

New Course proposals

LAW 300.0 Law Minor Research Paper

The Minor Research Paper is a single piece of work 4,000–12,500 words (exclusive of footnotes, endnotes, title pages, table of contents, and bibliography) which is analytical in nature and includes a research paper, a case comment, drafting exercise or book or literature review and which is valued for at least 25% of the student's mark in a course.

Prerequisite: None

LAW 301.0 Law Major Research Paper

The Major Research Paper is a single piece of work 7,500–12,500 words (exclusive of footnotes, endnotes, title pages, table of contents, and bibliography) which incorporates a substantial element of original analysis by the student and which is valued at between 70% and 100% of the student's mark in a course.

Prerequisite: None

Rationale: Completion of a Minor Research Paper and a Major Research Paper has always been a requirement of the J.D. program. These new courses will simply facilitate the administration, advising, and completion of these core requirements.

LAW 341.3 First Nations' Economic Development

The seminar examines the evolution of First Nations' economic development. There will be a brief overview of historical economic activities by First Nations, a review of government legislation and policy that impacted First Nations' economies and a review of legal developments including First Nations-led legislative initiatives that have created the environment for renewed economic development activities by First Nations.

Prerequisite: None

Rationale: This seminar is 'regularizing' Law 498.3 (s. 35) Special Topics: First Nations Economic Development which has been taught for four years in the College of Law.

This seminar is designed to equip students with the knowledge of the evolution of First Nations' economic development. To understand the successes, challenges and opportunities of current economic development by First Nations requires an overview of the historical economic development activities carried out by First Nations. It also requires an examination of how government policy and legislation adversely affected First Nations' abilities to participate in the economy both before and after Treaty making. Lastly, the successes and opportunities for current and future economic development can be attributed to a resurgence in cultural and traditional activities, recent case law and First Nations-led legislative developments along with appropriate business structures. The seminar will provide the

student with a well-rounded comprehension of economic development issues and the legislative and legal regime in which First Nations operate.

LAW 346.3 Environmental Law Moot - 1/2(3L)

The environmental moot course will be offered either as an internal moot, or when feasible as part of an inter-law school or national environmental moot. The course will provide students with instruction in areas of environmental law relevant to the moot case, advanced legal research and writing, and appellate advocacy

Prerequisite(s) or Corequisites(s): None, but Law 444 (Environmental Law) is recommended.

Restriction(s): Students must have completed first-year Law.

LAW 347.3 Bowman National Tax Moot- 1/2 (3L)

Up to five students will be selected annually to participate in the Donald G. H. Bowman National Tax Moot, typically held in Toronto. The moot will involve research and advocacy, both oral and written, and will allow students from Canadian law schools to debate current legal issues in taxation law with senior tax practitioners and with justices of the Tax Court and Federal Court of Appeal. This moot is recommended to those with an interest in advocacy, exacting research and taxation issues. Upper year students are invited to apply. Students receive a 3-hour course credit which they can designate for either first or second term. Two students are paired together as the appellant team and two students are paired together as the respondent team. A fifth participant may be selected as an additional participant, who may perform certain activities including research, peer coaching, and/or factum writing.

Prerequisite(s) or Corequisites(s): None, but Law 477 (Taxation 1) is recommended.

Rationale: LAW 346 and 347 are courses that have been successfully offered as special topics. They are now being regularized as permanent offerings.

Juris Doctor (J.D.) Program – Minor Revisions for Information

The J.D. Catalogue entry will be adjusted as follows (in red) to incorporate these new courses, as well as to clarify some existing requirements, such as listing course choices that had not been previously listed. No changes are being made to J.D. requirements. The following are noted for information:

Juris Doctor (J.D.) (90 credit units)

Year 1 (30 credit units)

During the first year, students must pass LAW 244 Dispute Resolution and LAW 245 Legal Research and Writing with a grade of 60% or better. In addition, students must pass each of the following courses, and achieve an annual GPA of 64% or better:

- [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

Year 2 and Year 3 (60 credit units)

Students must register in **15 credit units** per term. Students must receive a grade of 60% or better in each of LAW 300 Minor Research Paper and LAW 301 Major Research Paper to receive credit for those courses.

The following courses are required in Year 2:

- [LAW 340.3](#) Administrative Law I
- [LAW 300.0 Minor Research Paper](#) or [LAW 301.0 Minor Research Paper](#)

The following courses are required in either Year 2 or Year 3:

- [LAW 421.3](#) Legal Ethics and Professionalism or [LAW 497.3](#) Legal Ethics Clinical Seminar*
- [LAW 300.0 Minor Research Paper](#)
- [LAW 301.0 Major Research Paper](#)

Students must complete **3 credit units** from the following list of senior-level Indigenous Law courses, or equivalent, as approved by the Associate Dean Academic:

- [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
- [LAW 436.3](#) Aboriginal Law
- [LAW 443.3](#) Indigenous Peoples and the Criminal Process
- [LAW 447.3](#) Aboriginal Rights Moot
- [LAW 453.3](#) Aboriginal Law and Policy in Canada
- [LAW 473.3](#) Indigenous Self Government in Canada
- [LAW 479.3](#) Selected Topics in Indigenous Legal Studies Seminar
- [LAW 480.3](#) Indigenous Peoples in International and Comparative Law
- ~~[LAW 498.3](#) Special Topics Special Topics: First Nations Economic Development~~
- ~~[LAW 498.3](#) Special Topics Special Topics: Indigenous Clinical Seminar~~
- ~~[LAW 499.12](#) Special Topics Special Topics: Indigenous Clinical Practicum~~

Commented [WS1]: Courses becoming regularized.

Remaining LAW courses to complete the 90 credit units are to be selected by the student from offered LAW courses:

- LAW – 300-Level, 400-Level

NOTE: Students must complete a minimum of **3 credit units** 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 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 Note: catalogue says 3 hours/week. Should be 2
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 Cat should list as seminar & 2 hrs/week
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

Please note the following:

- In special cases, a student may be given permission by the Associate Dean Academic to undertake a program involving a load in excess of 15 credit units.
- Students may be permitted to take a maximum of 6 credit units given by another College, during second and third year, for credit in the College of Law. The course(s) must be approved by the Associate Dean, Academic. Applications are assessed from the standpoint of how the outside senior-level course contributes to the applicant's understanding of the law.

*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 Pharmacy & Nutrition – December 2020 University Course Challenge Submission

The following curricular change was approved by the College of Pharmacy & Nutrition on November 20, 2020 and is being submitted to University Course Challenge for approval:

New Course Proposal

PHAR 212.1

Title: Pharmacy Ethics

Description: Pharmacy graduates are committed to apply best practices and adhere to high ethical standards in the delivery of pharmacy care. Through this course, students understand what makes up ethical behavior, how to use ethical frameworks as one component of professional judgement and to recognize and respond to situations presenting ethical dilemmas.

Restriction: Completion of Year 1 of the Pharm.D. program.

Prerequisite: PHAR 290.0

Rationale: The topic, pharmacy ethics, is one of the required competencies in the pharmacy program. It was always intended to be a stand-alone one credit unit module; however it got missed in the original Pharm D proposal and it has been incorporated into an existing course for the first few years of the Pharm D program. This makes it very difficult to coordinate the course as well as to assess students specifically on the ethics component; therefore a stand-alone course is being proposed.

Doctor of Pharmacy (Pharm.D.) program

Year 1 (49 credit units)

Fall Term

- PHAR 110.3 Introduction to Pharmacy and the Health Care System
- PHAR 121.3 Foundational Sciences 1: Foundational Pathophysiology & Pharmacology
- PHAR 122.3 Foundational Sciences 2: Medicinal Chemistry and Physical Pharmacy
- PHAR 153.4 Self-Care 1: Non-prescription Pharmaceuticals and Supplies
- PHAR 162.3 Pharmacy Practice 1: The Patient Care Process
- PHAR 170.3 Pharmacy Skills Development 1
- PHAR 190.0 Introduction to Year 1
- PHAR 191.1 IPE Activities

Winter Term

- PHAR 111.1 Foundations for Practice: Pharmacy Mathematics and Calculations
- PHAR 112.1 Pharmacy Law
- PHAR 123.3 Foundational Sciences 3: Foundational Pathophysiology and Pharmacology
- PHAR 124.3 Foundational Sciences 4: Introduction to Pharmaceuticals
- PHAR 152.6 Pharmacotherapeutics 1
- PHAR 154.3 Self-Care 2: Non-prescription Pharmaceuticals and Supplies
- PHAR 171.3 Pharmacy Skills Development 2
- PHAR 192.1 IPE Activities

Fall and Winter Terms

- PHAR 188.2 Experiential Learning 1
- PHAR 189.2 Service Learning

Spring and Summer Terms

- PHAR 185.4 Experiential Learning Introductory Community Pharmacy Practice Experience

Year 2 (46-47 credit units)

Fall Term

- PHAR 224.3 Science of Pharmacotherapy 1: Pharmaceuticals and Pharmaceutical Biotechnology
- PHAR 226.3 Foundational Sciences 5: Pharmacokinetics
- PHAR 253.3 Pharmacotherapeutics 2
- PHAR 262.1 Pharmacy Practice 2
- PHAR 271.3 Evidence Based Medicine
- PHAR 272.3 Pharmacy Skills Development 3
- PHAR 290.0 Introduction to Year 2
- PHAR 291.1 IPE Activities

Winter Term

- 3 credit units of electives, as approved by the College of Pharmacy and Nutrition
- **PHAR 212.1 Pharmacy Ethics**
- PHAR 213.3 Management 1
- PHAR 225.3 Science of Pharmacotherapy 2: Clinical Applications
- PHAR 255.6 Pharmacotherapeutics 3
- PHAR 263.1 Pharmacy Practice 3
- PHAR 273.3 Pharmacy Skills Development 4
- PHAR 292.1 IPE Activities

Fall and Winter Terms

- PHAR 288.2 Experiential Learning 2

Spring and Summer Terms

- PHAR 285.4 Experiential Learning Hospital Pharmacy Practice Experience

Year 3 (42 credit units)

Fall Term

- 3 credit units of electives, as approved by the College of Pharmacy and Nutrition
- PHAR 314.3 Management 2: Issues in Health Care and Pharmacy
- PHAR 324.3 Science of Pharmacotherapy 3: Toxicology
- PHAR 358.6 Pharmacotherapeutics 5
- PHAR 367.1 Pharmacy Practice 5
- PHAR 374.3 Pharmacy Skills Development 5
- PHAR 390.0 Introduction to Year 3
- PHAR 391.1 IPE Activities

Winter Term

- 3 credit units of electives, as approved by the College of Pharmacy and Nutrition
- PHAR 315.3 Issues in Health Care and Pharmacy Practice
- PHAR 359.6 Pharmacotherapeutics 6
- PHAR 368.1 Pharmacy Practice 6
- PHAR 375.3 Pharmacy Skills Development 6
- PHAR 392.1 IPE Activities
- PHAR 395.3 Preparing for Patient Care/Complex Cases Capstone

Fall and Winter Terms

- PHAR 388.2 Experiential Learning 3

Year 4 (35 credit units)

- PHAR 481.8 Advanced Practice Experience 1: Acute Care (Hospital) Experience
- PHAR 482.8 Advanced Practice Experience 2: Community Pharmacy Experience
- PHAR 483.8 Advanced Practice Experience 3: Other Direct Patient Care Experience
- PHAR 484.8 Advanced Practice Experience 4: Elective Practice Experience or PHAR 485.4 Advanced Practice Experience 5: Elective APPE 5 and PHAR 486.4 Advanced Practice Experience 6: Elective APPE 6
- PHAR 487.1 Integrating Seminar
- PHAR 488.1 Integrating Seminar
- PHAR 489.1 Integrating Seminar
- PHAR 490.0 Introduction to Year 4

University Course Challenge – December 2020

The following items were approved at the December 10, 2020 Edwards School of Business Faculty Council meeting, and by the Undergraduate Programs Committee and relevant departmental committees, and are now being submitted to the University Course Challenge for approval.

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

Aboriginal Business Administration Certificate

Year 1 Program Changes

Replace COMM 119.3 with COMM 229.3 (Personal Financial Management) in the ABAC curriculum and re-sequence courses so COMM 105.3 is recommended in the first term and COMM 229.3 is recommended for the second term.

Year 1 - Fall Term (12 credit units)

- [COMM 101.3](#) Introduction to Business
- ~~[COMM 119.3](#) Skills for Academic Success~~
- [COMM 105.3](#) Introduction to Organizational Behaviour
- [ECON 111.3](#) Introductory Microeconomics
- Choose 3 credit units from the following:
 - [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

Year 1 - Winter Term (12 credit units)

- [COMM 100.3](#) Business Communication I
- ~~[COMM 105.3](#) Introduction to Organizational Behaviour~~
- [COMM 229.3](#) Personal Financial Management
- [ECON 114.3](#) Introductory Macroeconomics
- Choose 3 credit units of Humanities or Social Sciences:

Year 1 - Fall Term and Winter Term

- [COMM 115.0](#) Business School Life I

Rationale: COMM 119.3 is no longer offered. COMM 229.3 will enhance the student experience and provide important life skills.

Year 2 Program Changes

Change “MATH 104.3 Elementary Calculus or MATH 102.3 Precalculus Mathematics” to “MATH 102.3 Precalculus Mathematics” in year 2 of the ABAC program.

Year 2 - Fall Term (12 credit units)

- [COMM 201.3](#) Introduction to Financial Accounting
- [COMM 204.3](#) Introduction to Marketing
- ~~MATH 104.3 Elementary Calculus~~ or [MATH 102.3](#) Precalculus Mathematics
- Choose 3 credit units of Humanities or Social Sciences:

Year 2 - Winter Term (12 credit units)

- 3 credit units of senior level Commerce elective (This must be chosen in conjunction with an academic advisor.)
- [COMM 104.3](#) Business Statistics I
- [COMM 203.3](#) Introduction to Finance
- [COMM 211.3](#) Human Resource Management

Year 2 - Fall Term and Winter Term

In year 2 of the program, students in good standing will be allowed to take five classes per term with advisor approval.

- [COMM 120.0](#) Business School Life II

RATIONALE: Students can have credit for only one MATH 104, MATH 110, MATH 121, MATH 123, MATH 125, or MATH 176. MATH 104 was added to this list in 2020 to restrict students to taking only one introductory calculus course. ABAC students should take MATH 102 Precalculus so they are prepared to transition into the B.Comm. program and take COMM 121.

Certificate in Business

Changes to Program Requirements

Remove COMM 401.3 as a required course and add increase electives to 9 cu.
Add COMM 100.3 and COMM 229.3 as elective options (*for information*).

Required Courses (15 credit units)

- COMM 101.3 Introduction to Business
- COMM 105.3 Introduction to Organizational Behaviour
- COMM 201.3 Introduction to Financial Accounting
- COMM 204.3 Introduction to Marketing
- COMM 306.3 Ethics and Strategic Decision Making
- ~~COMM 401.3 Business Strategy~~

Electives (~~6-9~~ credit units)

- ~~COMM 100.3 Business Communication~~
- COMM 203.3 Introduction to Finance

- COMM 205.3 Introduction to Operations Management
- COMM 210.3 Introduction to Management Accounting
- COMM 211.3 Human Resource Management
- **COMM 229.3 Personal Financial Management**
- COMM 304.3 Introduction to Business Law
- COMM 340.3 Introduction to International Business
- COMM 345.3 Business and Public Policy
- COMM 347.3 Aboriginal Business in Canada
- COMM 348.3 Leadership
- senior-level COMM electives approved at the discretion of the Edwards School of Business
- senior-level electives from other colleges approved at the discretion of the Edwards School of Business

RATIONALE: Students wish to complete the program in eight months but are unable to due to prerequisite issues. COMM 401.3 is intended as a B.Comm. capstone, not a certificate capstone. The new version of COMM 229.3 should appeal to students pursuing the CBUS. COMM 100 was added to give students another 100 level elective option that does not require any prerequisites. Business Communication is an appropriate class for a certificate in business as it introduces students to principles for communicating effectively in a changing business environment.

Course Modification

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

Note: Students with credit for MATH 110.3, 121.3, 123.3, 125.3, or 176.3 cannot take this course for credit. Students will receive credit for MATH 110.3 or MATH 176.3 as an elective in the B.Comm. program if taken after COMM 121.3.

RATIONALE: Students who wish to pursue additional courses in mathematics should be able to take MATH 110.3 or 176.3 for credit if taken after COMM 121.3. Students with existing credit for 110.3, 121.3, 123.3, 125.3, or 176.3 will already have been exposed to introductory calculus and do not need to take COMM 121.3.

Change to Year 1 B.Comm. Note

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, 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, or 125.2 cannot be used as electives in the B.Comm. program.

RATIONALE: Updated to reflect the above changes.

Changes to Course Prerequisites

COMM 203.3: Introduction to Finance

Deals with the functions of the financial manager, including the problems and techniques of financial decision-making. Topics include: goals of the firm, management of working capital, financial problems and decisions involving intermediate and long-term financing, capital budgeting under certainty, and capital structure as it relates to weighted average cost of capital.

Weekly hours: 3 Lecture hours

Prerequisite(s): One of ([COMM 121.3](#), MATH 110. or MATH 121.3) and COMM 104.3

Note: Students can receive credit for only one of COMM 203.3 or ENT 300.3.

RATIONALE: COMM 121.3 has replaced MATH 121.3 in the B.Comm. core curriculum

COMM 207.3: 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 ([COMM 121.3](#), MATH 110. 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: COMM 121.3 has replaced MATH 121.3 in the B.Comm. core curriculum

Changes to B.Comm./JD Exemptions

Exemptions – All Majors

Combined program students will be exempt from the following classes, to be replaced by approved second-year Law classes:

- 6 cu any level non-COMM elective
- COMM 304 Introduction to Business Law
- Free Elective – any level non-COMM or 300 or higher COMM
- Up to 18 cu Free SR elective (where majors allow)

RATIONALE: Exemptions need to be revisited because of the Project 2021 curriculum changes

Exemptions – Management Students

In addition to the combined program exemptions for students in all majors, students in the management major will be exempt from the following classes, to be replaced by approved second-year Law classes:

- 6 cu Management electives

RATIONALE: To provide management students pursuing the combined program students the opportunity to be exempt from a full 30 cu

For Information:

Change to Management Major Electives

Remove COMM 347.3 from the list of approved management electives.

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

RATIONALE: COMM 347.3 has been added to the core curriculum

Certificate in Business

Change to Program Description

The Certificate in Business is an eight-course program that introduces students to the fundamentals of business management and will provide the skills needed to contribute to an organization's success and business strategy. ~~Graduates of this program will be innovative thinkers, creative problem solvers, and emerge as leaders within a team.~~ Students who complete the Certificate in Business will: understand basic business principles; be effective contributors to team performance; and be effective decision makers and problem solvers.

RATIONALE: The description should reflect the general nature of the certificate.