



Academic Programs Committee of Council

University Course Challenge

Scheduled posting: October, 2018

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

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

College of Arts & Science
College of Dentistry
College of Education
College of Medicine

Approval: Date of circulation: October 17, 2018
 Date of effective approval if no challenge received: October 31, 2018

Next scheduled posting:

The next scheduled posting will be November 15, 2018, with a submission deadline of **November 13, 2018**. Urgent items can be posted on request.

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

University Course Challenge – October 2018

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)

Bioinformatics

Minor program revisions

Bachelor of Science Honours and Four-year in Bioinformatics

In the Major Requirement C6, remove CMPT 417.3 from List 2, and add CMPT 364.3 and 423.3

C6 Major Requirement

List 2

- [CMPT 214.3](#)
- [CMPT 215.3](#)
- [CMPT 317.3](#)
- [CMPT 350.3](#)
- [CMPT 364.3](#)
- [CMPT 370.3](#)
- [CMPT 381.3](#)
- [CMPT 394.3](#)
- ~~[CMPT 417.3](#)~~
- [CMPT 423.3](#)
- [CMPT 463.3](#)

Rationale: CMPT 417 is no longer offered. To maintain a reasonable number of Computer Science electives for Bioinformatics students, CMPT 364 and CMPT 423 are being added. CMPT 364 provides an option for students more interested in theory, while CMPT 423 provides the option for studying machine learning, which is a very popular technique for solving problems in bioinformatics.

Biology

Minor course revisions

BIOL 479.3 Literature Research in Biology

Prerequisite change:

Old prerequisite(s): BIOL 301; and 18 credit units from BIOL courses at the 200-level or above, or ACB 406.3, ANBI 470.3, ANSC 313.3, ARCH 270.3, BINF 200.3, BMSC 210.3, BMSC 220.3, FABS 212.3, GEOL 343.3, GEOL 433.3, MCIM 487.3, PBIO 230.3, PLSC 311.3, PLSC 405.3, PLSC 411.3, PLSC 416.3, PLSC 422.3, PLSC 423.3, PLSC 425.3, TOX 300.3, TOX 301.3 of which at least 3 credit units must be at the 300-level or above; and permission of the department.

New prerequisite(s): BIOL 301; and 12 credit units from: BIOL courses at the 200-level or above, ACB 406.3, ANBI 470.3, ANSC 313.3, ARCH 270.3, BINF 200.3, BMSC 210.3, BMSC 220.3, FABS 212.3, GEOL 343.3, GEOL 433.3, MCIM 487.3, PBIO 230.3, PLSC 311.3, PLSC 405.3, PLSC 411.3, PLSC 416.3, PLSC 422.3, PLSC 423.3, PLSC 425.3, TOX 300.3, TOX 301.3 of which at least 3 credit units must be at the 300-level or above; and permission of the department.

Rationale: With the addition of a statistics prerequisite to BIOL 301, the department felt that a reduction in the number of other prerequisites was required.

Computer Science

Minor program revisions

Bachelor of Science Honours, Double Honours, Four-year and Three-year in Computer Science

Four-year:

- PHIL 232.3 (Ethics and Professional Responsibility in Computer Science) - added to the Major requirement (increasing C6 credit count from 42 to 45).
- A rearrangement of which 300-level courses are required for the program. Students will be required to take 6 courses chosen from a list of 7: CMPT 317, 332, 340, 353 (new course, below), 360, 370, 381. To make room for this requirement, students will take only 1 non-specified senior CMPT class (300 or 400-level), down from 3 in the current program.

Three-year:

- Add recommendation to take PHIL 232.3

Honours:

- PHIL 232.3 added to the Major requirement (increasing C6 credit count from 42 to 45).
- A rearrangement of which 300-level courses are required for the program. Students need no longer take CMPT 332 and CMPT 340: instead they must take 5-of-6 classes from the list: CMPT 317, 332, 340, 353 (new course), 370, 381. To make room for this requirement, students will no longer take any non-specified senior CMPT class (300 or 400-level), down from 2 in the current program.
- Students will be required to take CMPT 364 as a senior theory class (previously, students had the choice between CMPT 364, 461 and 463; 461 and 463 are no longer consistently offered

Honours – Software Engineering Option:

- The CMPT 408 (Ethics and Computer Science) requirement is replaced PHIL 232.3.
- The CMPT 355 (Theory and Application of Data Bases) requirement is replaced with a new course CMPT 353 (Full Stack Web Programming). CMPT 355 is being discontinued.

Double Honours:

- CMPT 364 becomes a required course
- Students will choose 9 credit units from the list (CMPT 317, 332, 340, 353, 370, 381). This is in place of formerly selecting 3 cu each from among 3 separate lists of courses.

Bachelor of Science Four-year (B.Sc. Four-year) - Computer Science C6 Major Requirement (45 credit units ~~42 credit units~~)

- **PHIL 232.3**
- CMPT 214.3
- CMPT 215.3 or CME 331.3
- CMPT 260.3
- CMPT 270.3
- CMPT 280.3

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

- CMPT 317.3
- CMPT 350.3
- CMPT 355.3
- CMPT 370.3
- CMPT 394.3

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

- CMPT 332.3
- CMPT 340.3

- CMPT 360.3

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

- CMPT 317.3
- CMPT 332.3
- CMPT 340.3
- CMPT 353.3
- CMPT 360.3
- CMPT 370.3
- CMPT 381.3

Choose **6 credit units of CMPT courses** with number 410 or higher

Note: Courses numbered 400 - 409 may not be used to fulfill this requirement

- 400-Level CMPT Courses

Choose **3 -9- credit units** from the following:

- 300-Level or 400-Level CMPT Courses
- BINF 300.3
- **up to 2 courses from** CME 332.3, CME 341.3, CME 342.3, CME 433.3, CME 435.3, CME 451.3

C7 Electives Requirement (36 -39- credit units)

Required Cognate Courses

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

- STAT 242.3
- STAT 245.3
- EE 216.3 (EE 216.3 is only for students in the College of Engineering)
- ME 251.3 (ME 251.3 is only for students in the College of Engineering)

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

- MATH 112.3 or MATH 116.3
- MATH 211.3
- MATH 223.3
- MATH 225.3
- MATH 276.3
- MATH 327.3
- MATH 328.3
- MATH 363.3 or MATH 361.3 and MATH 362.3
- MATH 364.3
- STAT 241.3
- STAT 344.3
- STAT 345.3
- STAT 348.3

- [PHIL 243.3](#)

Business Science

If a course in Economics was chosen in C3 above, then choose 3 additional credit units of Open Electives (below). If a course in Economics was **not** chosen in C3 above, then 3 credit units are required from:

Choose **0 - 3 credit units** from the following:

- [CMPT 275.3](#)
- [COMM 101.3](#)
- [COMM 102.3](#)
- [COMM 105.3](#)
- [COMM 201.3](#)
- [COMM 203.3](#)
- [COMM 204.3](#)
- [COMM 205.3](#)
- [COMM 210.3](#)
- [COMM 304.3](#)
- [ECON 111.3](#)
- [ECON 114.3](#)
- [AREC 230.3](#)
- [ENT 210.3](#)
- [ENT 220.3](#)
- [ENT 230.3](#)

Open Electives (**24 - 27 credit units** ~~27 - 30 credit units~~)

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

Bachelor of Science Three-year (B.Sc. Three-year) - Computer Science C6 Major Requirement (24 credit units)

- [CMPT 214.3](#)
- [CMPT 215.3](#) or [CME 331.3](#)
- [CMPT 260.3](#)
- [CMPT 270.3](#)
- [CMPT 280.3](#)

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

- [300-Level or 400-Level CMPT Courses](#)
- [BINF 300.3](#)
- up to 1 course from [CME 332.3](#), [CME 341.3](#), [CME 342.3](#), [CME 433.3](#), [CME 435.3](#), [CME 451.3](#)

C7 Electives Requirement (30 credit units)

Required Cognate Courses

- [MATH 164.3](#) or [MATH 266.3](#) or [MATH 124.3](#) ([MATH 124.3](#) is only for students in the College of Engineering)
- [STAT 242.3](#) or [STAT 245.3](#) or [EE 216.3](#) or [ME 251.3](#) ([EE 216.3](#) and [ME 251.3](#) are only for students in the College of Engineering)

Open Electives

Arts and Science courses, or those from other Colleges that have been approved for Arts and Science credit, to complete the requirements for 90 credit unit Three-year program, of which at least 42 must be at the 200-level or higher.

PHIL 232 is recommended.

Bachelor of Science Honours (B.Sc. Honours) - Computer Science C6 Major Requirement (48 credit units)

- **PHIL 232.3**
- [CMPT 214.3](#)
- [CMPT 215.3](#) or [CME 331.3](#)
- [CMPT 260.3](#)
- [CMPT 270.3](#)
- [CMPT 280.3](#)
- **CMPT 332.3**
- **CMPT 340.3**
- [CMPT 360.3](#)
- **CMPT 364.3**
- [CMPT 400.3](#)

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

- [CMPT 364.3](#)
- [CMPT 461.3](#)
- [CMPT 463.3](#)

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

- [CMPT 317.3](#)
- [CMPT 350.3](#)
- [CMPT 355.3](#)
- [CMPT 370.3](#)
- [CMPT 394.3](#)

Choose **15 credit units** from the following:[\[HM2\]](#)

- [CMPT 317.3](#)
- [CMPT 332.3](#)
- [CMPT 340.3](#)
- [CMPT 353.3](#)
- [CMPT 370.3](#)
- [CMPT 381.3](#)

Choose ~~6 credit units of CMPT courses~~ with number 410 or higher

- ~~400-Level CMPT Courses~~

Choose 6 credit units from the following:

- CMPT courses with number 410 or higher
- CME 433.3, CME 435.3, CME 451.3

Note: Courses numbered 400 - 409 may not be used to fulfill this requirement

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

~~Note: Students who have taken CME 462 (Multimedia Signals and Systems) may be able to use it in the requirement. Please consult with the Department.~~

- 300-Level or 400-Level CMPT Courses
- BINF 300.3
- ~~up to 2 courses from CME 332.3, CME 341.3, CME 342.3, CME 433.3, CME 435.3, CME 451.3~~

C7 Electives Requirement (33 credit units)

Required Cognate Courses

- MATH 164.3 or MATH 266.3 (MATH 266.3 recommended)
- STAT 241.3

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

- STAT 242.3
- STAT 245.3
- EE 216.3 (EE 216.3 is only for students in the College of Engineering)
- ME 251.3 (ME 251.3 is only for students in the College of Engineering)

Business Science

If a course in Economics was chosen in C3 above, then choose 3 additional credit units of Open Electives (below). If a course in Economics was **not** chosen in C3 above, then 3 credit units are required from:

Choose **0 - 3 credit units** from the following:

- CMPT 275.3
- COMM 101.3
- COMM 102.3
- COMM 105.3
- COMM 201.3
- COMM 203.3
- COMM 204.3
- COMM 205.3
- COMM 210.3

- [COMM 304.3](#)
- [ECON 111.3](#)
- [ECON 114.3](#)
- [AREC 230.3](#)
- [ENT 210.3](#)
- [ENT 220.3](#)
- [ENT 230.3](#)

Open Electives (21 - 24 credit units)

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

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

Bachelor of Science Honours Software Engineering Option (B.Sc. Honours SE) - Computer Science

C6 Major Requirement (48 credit units)

- **PHIL 232.3**
- [CMPT 214.3](#)
- [CMPT 215.3](#) or [CME 331.3](#)
- [CMPT 260.3](#)
- [CMPT 270.3](#)
- [CMPT 280.3](#)
- [CMPT 332.3](#)
- [CMPT 340.3](#)
- **CMPT 355.3**
- **CMPT 353.3**
- [CMPT 360.3](#)
- [CMPT 370.3](#)
- [CMPT 371.3](#)
- **CMPT 408.3**
- [CMPT 470.3](#)
- [CMPT 481.3](#)

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

Note: For those students not in the Professional Internship Option, [CMPT 405.3](#) and 3 additional credit units from the courses listed below are required. For those students in the Professional Internship Option, 6 additional credit units from the courses listed below are required.

- [300-Level or 400-Level CMPT Courses](#)
- [BINF 300.3](#)
- up to 2 courses from [CME 332.3](#), [CME 341.3](#), [CME 342.3](#), [CME 433.3](#), [CME 435.3](#), [CME 451.3](#)

Bachelor of Science Double Honours - Computer Science - Major 1

C6 Major Requirement (36 credit units)

- [CMPT 214.3](#)
- [CMPT 215.3](#) or [CME 331.3](#)
- [CMPT 260.3](#)
- [CMPT 270.3](#)
- [CMPT 280.3](#)
- [CMPT 360.3](#)
- **CMPT 364.3**
- [CMPT 400.3](#)

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

- [CMPT 317.3](#)
- [CMPT 350.3](#)
- [CMPT 355.3](#)
- [CMPT 370.3](#)
- [CMPT 394.3](#)

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

- CMPT 317.3
- CMPT 332.3
- CMPT 340.3
- CMPT 353.3 (Full Stack Web Programming)
- CMPT 370.3
- CMPT 381.3

Choose **3 credit units** of CMPT courses with number 410 or higher.

- *Note: Courses numbered 400 - 409 may not be used to fulfill this requirement*
- [400-Level CMPT Courses](#)

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

Note: Students who have taken CME 462 (Multimedia Signals and Systems) may be able to use it in the requirement. Please consult with the Department.

- [300-Level or 400-Level CMPT Courses](#)
- [BINF 300.3](#)
- one of [CME 332.2](#), [CME 341.3](#), [CME 342.3](#), [CME 433.3](#), [CME 435.3](#), [CME 451.3](#)

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

- [CMPT 332.3](#)
- [CMPT 340.3](#)

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

- [CMPT 364.3](#)
- [CMPT 461.3](#)
- [CMPT 463.3](#)

C7 Electives Requirement (45 credit units)

Major 2 (36-42 credit units)

- o Double Honours requirements in second discipline

Open Electives (3-9 credit units)

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

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

PHIL 232 is recommended.

Double Honours - Computer Science - Major 2 Requirements (42 credit units)

- [CMPT 214.3](#)
- [CMPT 215.3](#) or [CME 331.3](#)
- [CMPT 260.3](#)
- [CMPT 270.3](#)
- [CMPT 280.3](#)
- [CMPT 360.3](#)
- **[CMPT 364.3](#)**
- [CMPT 400.3](#)

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

- [CMPT 141.3](#) or [CMPT 116.3](#)
- [CMPT 117.3](#) or [CMPT 145.3](#)

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

- [CMPT 317.3](#)
- [CMPT 350.3](#)
- [CMPT 355.3](#)
- [CMPT 370.3](#)
- [CMPT 394.3](#)

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

- [CMPT 317.3](#)
- [CMPT 332.3](#)
- [CMPT 340.3](#)
- [CMPT 353.3](#) (Full Stack Web Programming)
- [CMPT 370.3](#)
- [CMPT 381.3](#)

Choose **3 credit units** of CMPT courses with number 410 or higher:

Note: Courses numbered 400 - 409 may not be used to fulfill this requirement

- [400-Level CMPT Courses](#)

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

Note: Students who have taken CME 462 (Multimedia Signals and Systems) may be able to use it in the requirement. Please consult with the Department.

- [300-Level or 400-Level CMPT Courses](#)
- [BINF 300.3](#)
- one of [CME 332.2](#), [CME 341.3](#), [CME 342.3](#), [CME 433.3](#), [CME 435.3](#), [CME 451.3](#)

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

- [CMPT 332.3](#)
- [CMPT 340.3](#)

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

- [CMPT 364.3](#)
- [CMPT 461.3](#)
- [CMPT 463.3](#)

Rationale: Our previous program requirements allowed students to selectively avoid certain core areas that have been identified as important by various Computer Science accreditation bodies. The proposed revisions strengthen our program with regard to our CIPS (Canadian Information Processing Society) accreditation by ensuring more consistent coverage of core areas and by adding a required Professional Ethics class, the latter being a strong recommendation from our department's most recent CIPS re-accreditation review. The revisions also simplify the program, and allows for strategic targeting of courses for double-sectioning to help the department deal with a geometrically growing student population in our senior classes.

For some levels the program requirements are simplified slightly, resulting in requirements that are more consistent across the different options, making it easier for students to move between the levels.

New course(s):

CMPT 353.3 Full Stack Web Programming

1/2 (3L-1P) Introduction into full-stack web programming. Basic client-server architecture. HTML & JavaScript. Front-end development frameworks. Databases & Web Storage. Web server platforms. Back-end development platforms. Web Service (SOAP/REST). Web Application Architecture.

Prerequisite(s): CMPT 280.3

Note: Students with credit for CMPT 350.3 may not take this course for credit.

Instructor(s): Ralph Deters

Rationale: This course is being proposed as part of program revisions in Computer Science. This course unifies topics from two existing courses (CMPT 350 – Web Development and CMPT 355 - Databases). This combination (of Web Development and Databases) makes sense in light of current practice in industry. CMPT 350 and CMPT 355 will be deleted in the near future as this course is phased in to the program.

The program revisions to the BSc 4-Year Computer Science include this course as part of a list of 7 courses which students must choose 6. The list of 7 courses were chosen to focus departmental

teaching resources, and meet accreditation standards. Other programs including Honours make use of the same list of 7 core courses, differing only by making one or two of these courses required.

Minor course revisions

CMPT 317.3 Introduction to Artificial Intelligence

Prerequisite change:

Old prerequisite(s): CMPT 260 and 280

New prerequisite(s): CMPT 260; and CMPT 280; and one of STAT 242 or STAT 245 or EE 216.3 or ME 251.3

Change to term hour listing from 2(3L-1T) to **1/2(3L-1T)**.

New course description: A survey of essential Artificial Intelligence techniques and underlying theory. Basic search strategies, including uninformed search, heuristic search, and games. Basic knowledge representation and reasoning, including propositional satisfiability and theorem proving, Bayes rule, and Bayesian networks. Basic machine learning, including k-nearest neighbours, decision trees, neural networks, naive Bayes classifier, k-means.

Rationale: This course has been updated to provide a basic introduction to Artificial Intelligence, for all students in Computer Science programs, reflecting important developments in the field.

CMPT442.3 Compiler Design and Implementation

Prerequisite change:

Old prerequisite(s): CMPT 360

New prerequisite(s): CMPT 215 or CME 331.3; and CMPT 360.

Rationale: CMPT 215 covers the workings of computer hardware at an architectural level. This knowledge is essential for understanding how computer programs are converted to machine instructions. Most students who consider CMPT 442 would naturally already have taken CMPT 215, this revision ensures it.

Environmental Biology

Minor program revisions

Bachelor of Science Honours and Four-year in Environmental Biology

Remove CHEM, GEOG, MATH, PLSC and STAT courses listed in C1 and C4 from the Major Average and the Residency Requirements.

Major Average

~~The major average in Environmental Biology programs includes the grades earned in:~~

- ~~• BIOL 120.3, BIOL 121.3, CHEM 112.3, CHEM 115.3, and GEOG 120.3~~
- ~~• One of MATH 110.3, MATH 112.3, MATH 115.3, MATH 116.3, MATH 125.3, or MATH 164.3~~
- ~~• One of STAT 245.3, STAT 246.3, or PLSC 214.3~~
- ~~• All courses listed in the Major Requirement C6.~~

Residency Requirements in the Major

~~To receive a degree in Environmental Biology, students must complete at least two-thirds of the following coursework (to the nearest highest multiple of 3 credit units) from the University of Saskatchewan.~~

- ~~• BIOL 120.3 and BIOL 121.3, CHEM 112.3, CHEM 115.3, and GEOG 120.3~~
- ~~• One of MATH 110.3, MATH 112.3, MATH 115.3, MATH 116.3, MATH 125.3, or MATH 164.3~~
- ~~• One of STAT 245.3, STAT 246.3, or PLSC 214.3~~
- ~~• Minimum requirements in Major Requirement C6.~~

Major Average

The major average in Biology programs includes the grades earned in:

- All BIOL and all courses listed in the Major Requirement C6.

Residency Requirements in the Major

To receive a degree in Biology, students must complete at least two-thirds of the following coursework (to the nearest highest multiple of 3 credit units) from the University of Saskatchewan.

- [BIOL 120.3](#) and [BIOL 121.3](#)
- Minimum requirements in Major Requirement C6.

Rationale: The Environmental Biology program is unusual in that it currently includes 21 credit units of introductory science and math courses in the major average and in the residency requirements, unlike most other B.Sc. programs which only include 6 credit units of subject specific courses. This change will better align the program with the B.Sc. in Biology, putting the students in the program on a more even footing with their peers in other science programs with regard to the major average, and make it easier for students to transfer in to this program after starting their studies at another institution. No change is being made to the program requirements.

Indigenous Studies

New course(s):

INDG 252.3 Introduction to Indigenous Studies Research Methods

1/2 (3L) This course develops student understandings of research methodologies, concepts and practices in Indigenous Studies. It will introduce students to qualitative and quantitative research methods including Indigenous research methodologies, methods and techniques. It provides students with research knowledge, skills and tools for performing research in Indigenous communities.

Prerequisite(s): INDG 107.3 or NS 107; and 3 additional credit units from ANTH, ARCH, ECON, GEOG, INDG, LING, NS, POLS, PSY, SOC, or WGST

Note: Students with credit for INDG 350.6 may not take this course for credit.

Instructor(s): Sarah Nickel

Rationale: This course is one of the courses being created to replace our current 6cu required methods course, INDG 350. We are now going to offer a required 200-level introduction to methods, and develop several 300-level required methods courses that are tailored to specific Indigenous Studies research practices.

INDG 352.3 Historical Research Methods in Indigenous Studies

1/2 (3L) This course builds on students' understandings of research methodologies, concepts, and practices in Indigenous Studies developed in INDG 252: Introduction to Indigenous Studies Research Methods. This course introduces students to practical elements of historical research methods and techniques in Indigenous Studies including oral interviews, microfilm, archival research, mapping, and museums and material culture.

Prerequisite(s): INDG 252

Instructor(s): Sarah Nickel

Rationale: The department's current required methods course is a six credit unit course. We are in the process of replacing this with a required 200-level methods course and a series of 300-level methods courses. Students will still be required to take 6 credit units of methods, but these will be split into different course offerings.

Philosophy

New course(s):

PHIL 232.3 Ethics and Professional Responsibility in Computer Science

1 (3L) This course provides a practical introduction to ethics and professionalism for students enrolled in Computer Science programs. Students will be introduced to forms of ethical decision making as well as some of the basic legal frameworks of information technology domain, and will become conversant with professional codes of ethics in their discipline. Specific topics to be addressed may include privacy, intellectual property, and security in information technology. Attention will also be paid to the practical aspects of how computing professionals are expected to deal effectively with conflicts of interest, professional communications, and various stakeholder relationships in professional practice.

Prerequisite(s): Completion of at least 6 credit units in 100-level CMPT.

Restrictions: Registration is restricted to students in the Computer Science and Interactive Systems Design programs.

Instructor(s): William Buschert, Peter Alward

Rationale: Accreditation bodies such as the Computer Science Accreditation Council of the Canadian Information Processing Society have increasingly emphasized the importance of professional ethics in computer science curricula. Accordingly, this course has been developed at the request of the Department of Computer Science to provide students enrolled in Computer Science degree programs with a practical overview of ethical, legal, and social issues relevant to computing professionals.

Since this will be a required course for students in several Computer Science programs (see 'Impact' below), and since it is anticipated that normally only one section of the course will be offered each year, it follows that enrollments in the course will be quite high (ca: 150 -- 200 students). While this may pose various logistical challenges, these challenges are addressed in the pedagogical design of the course, which focuses on in-class quizzes, exams, and short writing assignments in contrast to the traditional term paper and/or student presentations typical of a lower-enrollment applied ethics course.

Political Studies

New course(s):

POLS 333.3 Theory and Politics of Law

1/2 (3L) This course introduces students to the principal theoretical positions used to understand, justify, and evaluate law at both the national and international levels. It asks students to critically engage with classical and critical theories about the nature of law and legal obligations. Questions include: by whom, for whom, and for what purpose should law be created; is law inherently connected to state power? What is the relationship between law and democracy? Is law simply what those with political power make it or is there an inherent connection between law and morality? On a more practical level, can laws and legal systems that are not backed up with enforcement power truly be called law? Examples from the Canadian legal system and international law offer opportunities to test and develop insights about the meaning and proper reach of the law.

Prerequisite(s): 12 credit units of POLS and/or IS; or 36 credit units at the university level, including at least 6 credit units of ANTH, ENG, HIST, INDG, IS, POLS, RLST, SOC, or WGST.

Instructor(s): Kirsten Fisher, Charles Smith, Neil Hibbert, Kiran Banerjee

Rationale: This course is being developed as a means of providing students with an educational opportunity in a key area within the political science discipline, namely the intersection of law and politics. The proposed course explores the principal theoretical positions used to understand, justify, and evaluate law at both the national and international levels. As such, it helps to advance the College of Arts and Science's mission to promote internationalization throughout the university. With this course, the Department of Political Studies builds upon our strength in the targeted area of governance in a global era while drawing upon expanded departmental expertise in the areas of global governance and theories of law. Many Political Studies students have an interest in law, either as an institution of power in the interactions of people(s) and other agents in Canada and/or internationally or as a future professional pursuit. This proposed course will offer these students the opportunity to critically engage with predominant and controversial thinking about the coercive nature of law.

Regional & Urban Planning

Minor program revisions

Bachelor of Arts Honours and Four-year in Regional & Urban Planning

Requirement B6: Add ART 235.3 (Digital Imagery) and ART 236.3 (Digital and Integrated Practice II A) as alternatives to INCC 210.3 (Digital Communication and Design Introduction to Methods and Applications).

Requirement B7:

Design option:

Add CLAS 240.3 (Ancient Art and Architecture I Bronze Age to Classical Greece) and CLAS 242.3 (Ancient Art and Architecture II Graeco Roman World) as options in the list of ARTH and GEOG courses.

Environment option:

Add ENVS 201.3 (Foundations of Sustainability) to list of restricted electives.

Bachelor of Arts Four-year (B.A. Four-year) - Regional & Urban Planning **Bachelor of Arts Honours (B.A. Honours) - Regional & Urban Planning**

B6 Major Requirement (60 credit units)

- [AREC 432.3](#) or [ECON 347.3](#) or [ECON 348.3](#)
- [ECON 211.3](#)
- [GEOG 222.3](#)
- [GEOG 240.3](#)
- [GEOG 280.3](#)
- [INCC 210.3](#) or [ART 235.3](#) or [ART 236.3](#)
- [INDG 107.3](#)
- [PLAN 341.3](#)
- [PLAN 342.3](#)
- [PLAN 343.3](#)
- [PLAN 346.3](#)
- [PLAN 390.3](#)
- [PLAN 395.3](#)
- [PLAN 442.3](#)
- [PLAN 490.3](#)
- [PLAN 495.3](#)
- [POLS 306.3](#)
- [SOC 204.3](#) or [SOC 206.3](#)

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

- [COMM 104.3](#)
- [EPSE 441.3](#)
- [GE 210.3](#)
- [PLSC 214.3](#)
- [PSY 233.3](#)
- [SOC 225.3](#)
- [STAT 242.3](#)
- [STAT 244.3](#)
- [STAT 245.3](#)
- [STAT 246.3](#)

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

- [POLS 225.3](#)
- [POLS 226.3](#)
- [POLS 328.3](#)
- [POLS 425.3](#)

B7 Electives Requirement (24 credit units)

Required Cognate Courses (12 credit units)

Students must complete one of the following streams of concentration:

Communities

- *No change*

Design

- [PLAN 446.3](#)

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

- [ART 111.6](#)
- [ART 112.6](#)
- [ART 136.3](#)
- [ART 141.3](#)
- [ART 151.3](#)
- [ART 152.3](#)
- [ART 161.3](#)
- [INTS 111.3](#)

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

- [ARTH 253.3](#)
- [ARTH 255.3](#)
- [ARTH 257.3](#)
- [ARTH 260.3](#)
- [ARTH 261.3](#)
- [ARTH 324.3](#)
- [ARTH 325.3](#)
- [ARTH 329.3](#)
- [CLAS 240.3](#)
- [CLAS 242.3](#)
- [GEOG 340.3](#)

Environment

- [PLAN 329.3](#)

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

- [ECON 275.3](#)
- [ECON 277.3](#)
- [ENVE 381.3](#)
- [ENVS 201.3](#)
- [GEOG 235.3](#)
- [GEOG 322.3](#)
- [GEOG 385.3](#)
- [GEOG 386.3](#)
- [GEOG 420.3](#)
- [PLSC 235.3](#)
- [RRM 312.3](#)
- [SOC 202.3](#)

Indigenous and Northern

- *No change*

Planning Touchstones

- *No change*

Open Electives (12 credit units)

Arts and Science courses, or those from other Colleges that have been approved for Arts and Science credit, to complete the requirements for the 120 credit unit Four-year or Honours degree program. Of the 120 credit units required at least 66 must be at the 200-level or higher.

Rationale: The added courses are appropriate alternatives to be included in the existing lists, and provide greater flexibility for students.

Studio Art

Minor program revisions

Bachelor of Arts Honours, Double Honours, Four-year and Three-year, Bachelor of Fine Arts, and Minor in Studio Art

Add ART 110.3 as a required course in all Studio Art programs.

Bachelor of Arts Four-year (B.A. Four-year) - Studio Art D6 Major Requirement (30 33 credit units)

Program majors are strongly encouraged to declare a major as early as possible in their program. This will help facilitate course registration.

- [ART 110.3](#)

Art History Courses

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

- [200-Level, 300-Level or 400-Level ARTH Courses](#)

- [WGST 324.3](#)

Studio Areas (24 credit units)

Students are strongly encouraged to complete foundation courses in the first or second year of their program.

- [ART 112.6](#)
- [ART 141.3](#)

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

- [ART 111.6](#)
- [ART 136.3](#)
- [ART 151.3](#)
- [ART 152.3](#)
- [ART 161.3](#)
- [ART 236.3](#)

Choose **9-12 credit units** from the following:

Painting

Drawing

Printmaking

Extended Media

Sculpture

Photography

No change to lists

D7 Electives Requirement (54 51 credit units)

Bachelor of Arts Three-year (B.A. Three-year) - Studio Art D6 Major Requirement (24 27 credit units)

Program majors are strongly encouraged to declare a major as early as possible in their program. This will help facilitate course registration.

- [ART 110.3](#)

Art History Courses

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

- [200-Level, 300-Level or 400-Level ARTH Courses](#)
- [WGST 324.3](#)

Studio Areas (18 credit units)

Students are strongly encouraged to complete foundation courses in the first or second year of their program.

- [ART 112.6](#)
- [ART 141.3](#)

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

- [ART 111.6](#)
- [ART 136.3](#)
- [ART 151.3](#)
- [ART 152.3](#)
- [ART 161.3](#)
- [ART 236.3](#)

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

Painting

Drawing

Printmaking

Extended Media

Sculpture

Photography

No change to lists

[D7 Electives Requirement \(30 27 credit units\)](#)

[Bachelor of Arts - Double Honours - Studio Art - Major 1 D6 Major Requirement \(30 33 credit units\)](#)

Students are strongly encouraged to complete foundation courses in the first and second year of their program.

- [ART 110.3](#)
- [ART 112.6](#)
- [ART 141.3](#)

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

- [ART 111.6](#)
- [ART 136.3](#)
- [ART 151.3](#)
- [ART 152.3](#)
- [ART 161.3](#)

Choose **3 - 9 credit units** from the following:

Painting

Drawing

Printmaking

Extended Media

Sculpture

Photography

No change to lists

- [ART 416.6](#)
- [ART 426.6](#)
- [ART 436.6](#)

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

- [100-level, 200-Level, 300-Level or 400-Level ART Courses](#)
- [200-Level, 300-Level or 400-Level ARTH Courses](#)
- [WGST 324.3](#)

D7 Electives Requirement (54 51 credit units)

Double Honours - Studio Art - Major 2 Requirements (36 39 credit units)

Students are strongly encouraged to complete foundation courses in the first or second year of their program.

- [ART 110.3](#)
- [ART 112.6](#)
- [ART 141.3](#)
- [ARTH 120.3](#)
- [ARTH 121.3](#)

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

- [ART 111.6](#)
- [ART 136.3](#)
- [ART 151.3](#)
- [ART 152.3](#)
- [ART 161.3](#)

Choose **3 - 9 credit units** from the following:

Painting

Drawing

Printmaking

Extended Media

Sculpture

Photography

No change to lists

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

- [100-level, 200-Level, 300-Level or 400-Level ART Courses](#)
- [200-Level, 300-Level or 400-Level ARTH Courses](#)
- [WGST 324.3](#)

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

[Bachelor of Arts Double Honours - Studio Art and Art History- Majors 1 and 2](#)
[D6 Major Requirement \(66 69 credit units\)](#)

Students are strongly encouraged to complete 100-level ART courses in the first or second year of their program.

Students must complete 36 credit units in Studio Art (ART), and at least 30 credit units in Art History (ARTH), in addition to [ARTH 120.3](#) and [ARTH 121.3](#) listed in D1. 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](#)

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

- [ART 111.6](#)
- [ART 151.3](#)
- [ART 152.3](#)
- [ART 136.3](#)
- [ART 161.3](#)

Choose 15 - 21 credit units from the following:

Painting

Drawing

Printmaking

Extended Media

Sculpture

Photography

No change to lists

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

- [200-Level, 300-Level or 400-Level ARTH Courses](#)
- [WGST 324.3](#)

D7 Electives Requirement (18 15 credit units)

**Bachelor of Fine Arts Honours (B.F.A.Honours) in Studio Art
E2 Studio Art Requirement (54 57 credit units)**

- [ART 110.3](#)
- [ART 112.6](#)
- [ART 141.3](#)
- [ART 495.0](#)

Choose **6-12 credit units** from the following:

- [ART 111.6](#)
- [ART 136.3](#)
- [ART 151.3](#)
- [ART 152.3](#)
- [ART 161.3](#)
- [ART 236.3](#)

Choose **33-39 credit units** from the following:

Painting

Drawing

Printmaking

Extended Media

Sculpture

Photography

No change to lists

E4 Electives Requirement (18 15 credit units)

**Studio Art - Minor in Art
Requirements (24 credit units)**

- [ART 110.3](#)
- [ARTH 120.3](#)
- [ARTH 121.3](#)

Choose **18 15 credit units** ART courses such that courses are selected from a minimum of 2 of the following areas:

Painting

Drawing

Printmaking

Extended Media

Sculpture

Photography

No change to lists

Rationale: ART 110.3 is an important addition to the department's offerings in foundation-level classes. While ARTH 120 and 121 are introductions to the history of Art, ART 110 covers various artistic practices within the context of contemporary studio art theory and ideas, necessary for students to have a common language to critique conceptual and formal aspects of artwork, and better preparing them as they move through the Studio Art programs.

Toxicology

Minor program revisions

Bachelor of Science Honours and Four-year in Toxicology

Remove BIOL, CHEM, MATH, PHYS, PLSC and STAT courses listed in C1 and C4 from inclusion in the Major Average and Residency Requirements.

Major Average

The major average in Toxicology programs includes the grades earned in:

- ~~BIOL 120.3; BIOL 121.3; CHEM 112.3; CHEM 115.3; PHYS 115.3; and PHYS 117.3 or PHYS 125.3~~
- ~~MATH 110.3 or MATH 125.3; one of PLSC 214.3, STAT 245.3, or STAT 246.3~~
- All TOX and all courses listed in the Major Requirement C6.

Residency Requirements in the Major

To receive a degree in Toxicology, students must complete at least two-thirds of the following coursework (to the nearest highest multiple of 3 credit units) from the University of Saskatchewan.

- ~~BIOL 120.3; BIOL 121.3; CHEM 112.3; CHEM 115.3; PHYS 115.3; and PHYS 117.3 or PHYS 125.3~~
- ~~MATH 110.3 or MATH 125.3; one of PLSC 214.3, STAT 245.3, or STAT 246.3~~
- Minimum requirements in Major Requirement C6.

See [Residency](#) for additional details.

Rationale: The Toxicology program is unusual in that it currently includes 24 credit units of introductory science and math courses in the major average and in the residency requirements, unlike most other B.Sc. programs which only include 6 credit units of subject specific courses. This change will better align the program with common practice, putting the students in the program on a more even footing with their

peers in other science programs with regard to the major average, and make it easier for students to transfer in to this program after starting their studies at another institution. No change is being made to the program requirements.

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.

Archaeology

Minor course revisions

ARCH 300.3 Archaeology Research Course

ARCH 301.3 Reading Course

Prerequisite change:

Old prerequisite: 24 credit units ARCH courses

New prerequisite: 24 credit units ARCH or ANTH courses; and permission of department

Rationale: Students will be prepared for this course with a background in Archaeology and Anthropology.

ARCH 385.3 Computer Applications in Archaeology

Prerequisite change:

Old prerequisite: ARCH 250, 251 and an additional 6 credit units of archaeology at the 200/300 level or permission of the department.

New prerequisite: ARCH 250, 251 and an additional 6 credit units of Archaeology or Anthropology at the 200/300 level or permission of the department

Rationale: Students will be prepared for this course with the required courses and additional courses in either of Archaeology and Anthropology.

Biology

Minor course revisions

BIOL 301.3 Critical Issues in Biology

Prerequisite change:

Old prerequisite(s): 15 credit units in Biology

New prerequisite(s): BIOL 120 or 121; plus 9 cu BIOL at the 200-level or above; plus one of STAT 245, STAT 246 or PLSC 214.

Change to note:

Old Note: This course is a requirement in Four Year and Honours Biology degrees; students in these programs should consider taking BIOL 301 as early as possible in their program.

New Note: This course is a requirement in Four Year and Honours Biology and Environmental Biology degrees and for a Certificate in Biological Research; students in these programs should consider taking BIOL 301 as early as possible in their program.

Change to course hours:

Old requirements: 3L-3T

New requirements: 3L-3S

Rationale: This course is taught using primary literature and students will benefit by having completed a statistics course before attempting BIOL 301. We find that students often leave the statistics program requirement to complete in their final year. As BIOL 301 is normally taken at the start of their third year, changing the prerequisite to require earlier completion of statistics should benefit students in BIOL 301 and over the last two years of their program. The addition of statistics and other prerequisite changes to BIOL 301 will also support student progression through the proposed Certificate in Biological Research.

During the current tutorials, faculty design activities to help students gain more proficiency in writing, reading and presentation. Changing from an optional tutorial to a required seminar component will allow instructors the opportunity to evaluate in-seminar activities, such as student presentations and debates, and it will reinforce with students the importance of seminar participation.

Currently during the tutorials, faculty design activities to help students gain more proficiency in writing, reading and presenting. Changing from an optional tutorial to a required seminar component will allow instructors the opportunity to evaluate in-seminar activities, such as student presentations and debates. These activities will be evaluated using rubrics and will account for approximately 10% of the final course grade.

BIOL 480.3 Biology Research

Prerequisite change:

Old prerequisite(s): BIOL 301 (may be taken concurrently). Restricted to fourth year Biology students with a minimum C.W.A. of 70% in Biology.

New prerequisite(s): BIOL 301; and BIOL 380 or 15 additional credit units of BIOL courses at the 200-level or above, of which at least 6 credit units must be at the 300-level or above; and permission of the department.

New course description: The student will work on a laboratory or field project under the supervision of a faculty member. Before beginning, the student must obtain a supervisor and then submit an outline of the project for approval by the Head of the Department. At the end of the project, the student will submit to the Department a written report in thesis form. An oral presentation is required.

Rationale: The prerequisite change is intended to clarify these for students, as a "fourth year student" is not so easily defined anymore. Also, the department feels the requirements of an Honours standing is overly restrictive and is difficult to monitor in any case. We don't think the 70% requirement has ever been strictly enforced in recent years and this will level the playing field for all students. Faculty instructors are aware that it is their responsibility to select students who are best suited to work in their research program. All research projects are approved by the Department Head prior to registration which provides a check and degree of consistency. Finally we want to signal to student that they should complete BIOL 301 (along with its proposed statistics prerequisite) prior to undertaking the research course.

The editorial change in the course description clarifies that an oral presentation is required and brings this into line with current practice and the BIOL 481.6 course requirements.

BIOL 481.3 Extended Research Project in Biology

Prerequisite change:

Old prerequisite(s): BIOL 301 (may be taken concurrently). Restricted to fourth year Biology students with a minimum C.W.A. of 70% in Biology.

New prerequisite(s): BIOL 301; and BIOL 380 or 15 additional credit units of BIOL courses at the 200-level or above, of which at least 6 credit units must be at the 300-level or above; and permission of the department.

New course description: The student will work on a laboratory or field project under the supervision of a faculty member. Before beginning, the student must obtain a supervisor and then submit an outline of the project for approval by the Head of the Department. At the end of the project, the student will submit to the Department a written report in thesis form. An oral presentation is required.

Rationale: The prerequisite change is intended to clarify these for students, as a "fourth year student" is not easily defined anymore. Also, we feel the requirements of an Honours standing is overly restrictive and is difficult to monitor in any case. We don't think the 70% requirement has ever been strictly enforced in recent years and this will level the playing field for all students. Faculty instructors are aware that it is their responsibility to select students who are best suited to work in their research program. All research projects are approved by the Department Head prior to registration which provides a check and degree of consistency. Finally we want to signal to students that they should complete BIOL 301 (along with its proposed statistics prerequisite) prior to undertaking the research course.

The editorial change in the course description brings this into line with current practice and the BIOL 480.6 course requirements. For all intents and purposes, the two research courses are identical except for the duration of the research project and credit units accumulated..

English

Minor course revisions

ENG 242.3 Indigenous Storytelling of the Prairies

Prerequisite change:

Old prerequisite: 6 credit units of 100-level ENG.

New prerequisite: 6 credit units of 100-level ENG OR 3 credit units of 100-level ENG and INDG 107.3.

Rationale: Students who have 3-cu of first-year English as well as 3-cu of first-year Indigenous Studies will be well-prepared to succeed in this 200-level course in Indigenous Storytelling.

Indigenous Studies

Minor course revisions

INDG 215.3 Métis Political and Poetic Writing

Prerequisite change:

Old prerequisite: NS 107.3 or INDG 107.3 and 3 additional credit units from ANTH, ARCH, ECON, GEOG, INDG, LING, NS, POLS, PSY, SOC, or WGST

New prerequisite: NS 107.3 or INDG 107.3 and 3 additional credit units from ANTH, ARCH, ECON, ENG, GEOG, INDG, LING, NS, POLS, PSY, SOC, or WGST

Rationale: This course focuses on analyzing writing by Métis authors, and therefore courses in English, in addition to the requirement to take INDG 107, will provide appropriate preparation for students.

INDG 270.6 Literature of Native North America

Prerequisite change:

Old prerequisite: NS 107.3 or INDG 107.3 and 3 additional credit units from ANTH, ARCH, ECON, GEOG, INDG, LING, NS, POLS, PSY, SOC, or WGST

New prerequisite: NS 107.3 or INDG 107.3 and 3 additional credit units from ANTH, ARCH, ECON, ENG, GEOG, INDG, LING, NS, POLS, PSY, SOC, or WGST

Rationale: This course surveys literature about and by Indigenous peoples, and therefore courses in English, in addition to the requirement to take INDG 107, will provide appropriate preparation for students.

Linguistics

Minor course revisions

LING 244.3 Sociolinguistics

Prerequisite change:

Old prerequisite: LING 111 and one of LING 112; or SOC 111; or SOC 112; or WGST 210

New prerequisite: LING 111; and one of LING 112, SOC 111, SOC 112, WGST 210, or 6 credit units of ARBC, CHIN, CREE, FREN, GERM, GRK, HEB, HNDI, JPNS, LATN, RUSS, SNSK, SPAN or UKR courses

Rationale: Students who take LING 111 and 6 credit units of second language courses will be prepared to take this course.

LING 247.3 The World's Major Languages

Prerequisite change:

Old prerequisite: LING 111 and LING 112

New prerequisite: LING 111; and LING 112 or 6 credit units ARBC, CHIN, CREE, FREN, GERM, GRK, HEB, HNDI, JPNS, LATN, RUSS, SNSK, SPAN or UKR courses

Rationale: Students who take LING 111 and 6 credit units of second language courses will be prepared to take this course.

LING 251.3 Intercultural Communication

Prerequisite change:

Old prerequisite: LING 111 or 24 credit units of university courses

New prerequisite: LING 111; or 24 credit units of university courses; or 6 credit units ARBC, CHIN, CREE, FREN, GERM, GRK, HEB, HNDI, JPNS, LATN, RUSS, SNSK, SPAN or UKR courses
Rationale: Students who have completed 6 credit units of second language courses will be prepared to take this course.

Political Studies

Minor course revisions

POLS 422.3 First Nations Governance

POLS 471.3 Globalization and Challenges

Change to Note/Restriction:

Old Note/Restriction: Permission of the department required.

New Note/Restriction: None.

Rationale: Previously, having 'permission of the department required' built in at the course level provided the department a way to monitor which students were enrolling in its 400-level seminars. Currently, monitoring enrollment in our 400-level POLS classes on a case-by-case basis is no longer something the department wishes to do and as a result, we would like this specific note and restriction removed in order to make the registration process more efficient for both students and the department.

College of Dentistry, University Course Challenge October, 2018:

The following changes have been approved by the college and are being submitted to University Course Challenge for approval:

Doctor of Dental Medicine (D.M.D.) (~~210~~ 208 credit units)

In the first year ~~and a half~~ of the four-year dental program, the basic science courses are closely integrated, physically and academically, with those of the College of Medicine.

Students must successfully complete all courses in a given year in the program to progress to the next year and to graduate.

Year 1

~~45 credit units~~ 42 credit units

- ACB 334.3
- DENT 206.1
- DENT 208.3
- DENT 210.2
- DENT 214.2
- DENT 220.6
- DENT 221.2
- DENT 225.2
- DENT 226.3
- ~~DENT 288.3~~ move course to Year 2
- DENT 291.18

Year 2

~~57 credit units~~ 58 credit units

- DENT 301.2
- DENT 306.6
- DENT 309.2
- ~~DENT 310.2~~ discontinue course
- DENT 314.3
- DENT 317.3
- DENT 319.4
- DENT 320.5
- DENT 321.2
- DENT 324.3
- DENT 330.5

- DENT 340.4
- DENT 348.3
- DENT 353.2
- DENT 360.5
- DENT 388.3 move course from Year 1; course content is identical to what was taught in Year 1 and fits better in Year 2
- DENT 392.6

Year 3

59 credit units

- DENT 401.3
- DENT 409.2
- DENT 411.1
- DENT 417.4
- DENT 419.5
- DENT 420.5
- DENT 424.4
- DENT 430.6
- DENT 440.5
- DENT 448.3
- DENT 455.2
- DENT 460.5
- DENT 463.3
- DENT 466.2
- DENT 475.4
- DENT 480.2
- DENT 486.3

Year 4

49 credit units

- DENT 501.2
- DENT 517.4
- DENT 519.5
- DENT 520.3
- DENT 524.4
- DENT 530.5
- DENT 540.5
- DENT 542.2
- DENT 548.3
- DENT 560.3

- DENT 563.3
- DENT 575.3
- DENT 580.2
- DENT 585.5

Course Deletion:

DENT 310.2 — 1&2(1L)

Dental Research

The concepts learned in DENT 210.2 will be extended through basic and clinical research by computer assisted literature review and basic biostatistical analyses.

Formerly: DENT 410

Note: Students with credit for DENT 410 will not receive credit for this course.

Rationale: The College of Dentistry is implementing BSc DENT program to provide interested dentistry students with the opportunity to conduct a research project while enrolled in the undergraduate dentistry (DMD) program, and obtain a University degree appropriate for their efforts. The proposed program will give students the opportunity to develop knowledge and skills in research, foster interest in academia and research career paths, and facilitate acceptance into highly competitive dental graduate programs (i.e., Orthodontics, Prosthodontics). The DMD program will continue to provide Year 1 students with knowledge of basic research knowledge including how to access, understand and critically evaluate dental scientific literature through the DENT 210.2 Application of Dental Research to Clinical Decision Making I course. Two new didactic courses are being developed for the BSc DENT program to enhance the research knowledge of students interested in pursuing research. The first course will be focused on research terminology, concepts and methodology and the second on analysis, statistics and scientific writing methodology.

Contact: kelly.mulligan@usask.ca

College of Education – October 2018 University Course Challenge

The curricular revisions listed below were approved by the College of Education Faculty Council on Friday, September 28, 2018 and are now submitted to the University Course Challenge for approval.

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

Minor program revision:

Indian Teacher Education Program (ITEP) - Elementary/Middle Years

- To include EIND 380.3: Incorporating Cultural Arts of Indian, Métis, and Inuit People into School Programs as an Elementary Methods course option: “EART 303.3 or ECUR 352.3 or ECUR 450.3 or EIND 380.3”.
- To update EPSE 302.3: Situated Learners Contexts of Learning and Development to EPSE 202.3: Psychological Foundations of Teaching and Learning to be consistent with the direct entry program. EPSE 302.3 and 202.3 are equivalent.
- Typically, ITEP students enroll in ECUR 311.3: Methods in K to 9 Mathematics I and ECUR 316.3: Methods in K to 9 Mathematics II. By completing these two courses, students fulfill the 3 credit unit Mathematics and the 3 credit unit Methods in Mathematics requirements. Students who have already completed 3 credit units of MATH/STATS are permitted to complete ECUR 312.3: Methods in Elementary Mathematics.
- The remaining changes are updates to the sequence of the courses, number of credit units per year, and to the external and Education electives to ensure 60 credit units of external coursework and 60 credit units of Education coursework are completed to comprise the 120 credit units for the B.Ed. degree.

Indian Teacher Education Program (ITEP) – Secondary

- To update EPSE 302.3: Situated Learners Contexts of Learning and Development to EPSE 202.3: Psychological Foundations of Teaching and Learning to be consistent with the direct entry program. EPSE 302.3 and 202.3 are equivalent.
- Additional changes include updates to the sequence of the courses, number of credit units per year, and to the external and Education electives to ensure 60 credit units of external coursework and 60 credit units of Education coursework are completed to comprise the 120 credit units for the B.Ed. degree.

Note: The addition of the Alternative Practicum in Year 4 was previously approved by Education Faculty Council.

Indian Teacher Education Program (ITEP)

[Elementary/Middle Years Program Requirements:](#)

Information about the courses that count towards the Elementary/Middle Years Teaching Areas 1 and 2 is available under the "[Bachelor of Education \(B.Ed.\)](#)" program listing in this Catalogue (see Elementary/Middle Years Teaching Areas).

Year 1 – 27 credit units

- [EFDT 101.3](#)
- ~~EFDT 301.3~~

Choose 6 credit units of junior-level English:

- [100-Level ENG Courses](#)

Choose 3 credit units of Fine Arts:

Arts Education courses from Elementary Teaching Areas 1 or 2

Choose 3 credit units of Science:

Science courses from Elementary Teaching Areas 1 or 2

Choose ~~3~~ 6 credit units of electives:

Open Electives 100-400 level (must be compiled using 3 or 6 credit unit courses)

Choose 3 junior level credit units of Indigenous Studies:

- [COMM 347.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)

Choose 3 credit units of Social Sciences/Social Studies:

- Social Sciences/Social Studies courses from Elementary Teaching Areas 1 or 2

Year 2 – ~~27~~36 credit units

- ~~EPSE 302.3~~ [202.3](#)
- ~~EFDT 301.3~~
- [EFDT 313.3](#)
- [ECUR 309.3](#)
- ~~ECUR 316.3~~ or ~~ECUR 312.3~~
- [EDST 321.3](#)

Choose 3 credit units of Mathematics or Statistics:

- [ECUR 311.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level MATH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level STAT Courses](#)

Choose 3 credit units of Kinesiology:

- [KIN 121.3](#) or [KIN 122.3](#) or [KIN 146.3](#)

Choose 6 credit units from the following:

Elementary - Teaching Area 1

Choose 6 credit units from the following:

Elementary - Teaching Area 2

Year 3 – ~~36~~ 33 credit units

- ~~[ECUR 309.3](#)~~
- [ECUR 310.3](#)
- ~~[ECUR 316.3](#)~~
- [ECUR 322.3](#)
- [ECUR 382.3](#)
- ~~one of [EART 303.3](#) or [ECUR 352.3](#) or [ECUR 450.3](#) or [EIND 380.3](#)~~
- [EDST 322.3](#)

Choose 12 credit units from the following:

Elementary - Teaching Area 1

Choose 6 credit units from the following:

Elementary - Teaching Area 2

Year 4 – ~~30~~ 24 credit units

- one of [EADM 411.3](#), or [ECUR 411.3](#), or [EFDT 411.3](#), or [EPSE 411.3](#)
- [EADM 303.3](#)
- [EPSE 390.3](#)
- [EXPR 422.15](#)
or [EXPR 423.3](#) or [EXPR 424.3](#) and [EXPR 425.12](#)
- ~~one of [EART 303.3](#) or [ECUR 352.3](#) or [ECUR 450.3](#)~~

Choose 3 credit units from the following:

- ~~100-Level, 200-Level, 300-Level or 400-Level EADM Courses~~
- ~~100-Level, 200-Level, 300-Level or 400-Level ECUR Courses~~
- ~~100-Level, 200-Level, 300-Level or 400-Level EFDT Courses~~
- ~~100-Level, 200-Level, 300-Level or 400-Level EPSE Courses~~
- ~~100-Level, 200-Level, 300-Level or 400-Level ETAD Courses~~

Indian Teacher Education Program (ITEP)

Secondary Program Requirements:

Information about the courses that count towards the Secondary Teaching Areas 1 and 2 is available under the "[Bachelor of Education \(B.Ed.\)](#)" program listing in this Catalogue (see Secondary Teaching Areas).

Year 1 – ~~27~~ 30 credit units

- [INDG 107.3](#)
- [EFDT 101.3](#)
- ~~[EFDT 301.3](#)~~

Choose 6 credit units of junior-level English:

- [100-Level ENG Courses](#)

Choose 6 credit units from the following:

Secondary - Teaching Area 1 (100-level)

Choose 6 credit units from the following:

Secondary - Teaching Area 2 (100-level)

Choose 6 credit units from the following:

Open Elective 100-400 level (Open Electives must be compiled using 3 or 6 credit unit courses)

Year 2 – ~~30~~ 33 credit units

- ~~[EPSE 302.3](#)~~ [202.3](#)
- [EFDT 301.3](#)
- [EFDT 315.3](#)

- [EDST 321.3](#)

Choose 6 senior level credit units from the following:

Secondary - Teaching Area 1 (200-level, 300-level, or 400-level)

Choose 6 senior level credit units from the following:

Secondary - Teaching Area 2 (200-level, 300-level, or 400-level)

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

Open Elective 100-400 level (Open Electives must be compiled using ~~6~~ 3 or 6 credit unit courses)

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

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

Year 3 – ~~36~~ 30 credit units

- [ECUR 320.3](#)
- [ECUR 325.3](#)
- [EDST 322.3](#)

Choose 12 credit units from the following:

Secondary - Teaching Area 1

Choose 3 credit units from the following:

Secondary - Teaching Area 2

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

~~Open Elective 100-400 level (Open Electives must be compiled using 6 or 3 credit unit courses)~~

Choose 6 credit units of Education methods courses (3 credit units of Teaching Area 1 methods and 3 credit units of Teaching Area 2 methods) from the following:

- [EART 331.3](#)
- [ECUR 318.3](#)
- [ECUR 326.3](#)
- [ECUR 349.3](#)

- [ECUR 357.3](#) (Teaching Area 1 only; B.Sc. Kinesiology graduates only)
- [ECUR 362.3](#)
- [ECUR 379.3](#)
- [ECUR 386.3](#)

Year 4 – 27 credit units

- [EADM 303.3](#)
- [EPSE 390.3](#)
- one of [EADM 411.3](#), or [ECUR 411.3](#), or [EFDT 411.3](#), or [EPSE 411.3](#)
- [EXPR 422.15](#)
or [EXPR 423.3](#) or [EXPR 424.3](#) and [EXPR 425.12](#)

Choose 3 credit units from the following:

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

Minor program revision: To include SOC 203.3: Race and Ethnic Relations in Canada in the list of acceptable courses for Teaching Areas 1 and 2 of Indigenous Studies for both Elementary/Middle Years and Secondary levels in all Bachelor of Education degree program routes.

Elementary/Middle Years

Teaching Area 1 – Indigenous Studies

Choose 6 credit units from the following Indigenous Studies courses:

- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)
-

Choose an additional 12 credit units from the following senior level Indigenous Studies courses:

- [HIST 263.6](#) (formerly HIST 222)
- [HIST 264.3](#)
- [HIST 265.3](#)
- [POLS 222.3](#)
- [POLS 322.3](#)
- [POLS 323.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 319.3](#)

- [SOC 320.3](#)
- [SOC 341.3](#)
- [200-Level, 300-Level or 400-Level INDG Courses](#)

Within the 12 credit units, students may choose up to 6 credit units of the following:

[CREE 101.6](#)

[CREE 110.3](#)

Within the 12 credit units, students may choose up to 3 credit units of the following:

[ARTH 252.6](#)

[ARTH 253.3](#)

[ARTH 255.3](#)

[ARTH 323.3](#)

[ARTH 358.3](#)

[ARTH 340.3](#)

[ARTH 345.3](#)

[ARTH 355.3](#)

[ARTH 418.3](#)

[ARTH 455.3](#)

Teaching Area 2 – Indigenous Studies

Choose 6 credit units from the following Indigenous Studies courses:

- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)

Choose an additional 6 credit units from the following senior level Indigenous Studies courses:

- [HIST 263.6](#) (formerly HIST 222)
- [HIST 264.3](#)
- [HIST 265.3](#)
- [POLS 222.3](#)
- [POLS 322.3](#)
- [POLS 323.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 319.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)
- [SOC 341.3](#)
- [200-Level, 300-Level or 400-Level INDG Courses](#)

Students may choose up to 6 credit units of the following:

[CREE 101.6](#)

[CREE 110.3](#)

Students may choose up to 3 credit units of the following:

[ARTH 252.6](#)

[ARTH 253.3](#)

[ARTH 255.3](#)

[ARTH 323.3](#)

[ARTH 358.3](#)

[ARTH 340.3](#)

[ARTH 345.3](#)

[ARTH 355.3](#)

[ARTH 418.3](#)

[ARTH 455.3](#)

Secondary

Teaching Area 1 – Indigenous Studies

Choose 6 credit units from the following Indigenous Studies courses:

- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)

Choose an additional 18 credit units from the following Indigenous Studies courses:

- [HIST 263.6](#) (formerly HIST 222)
- [HIST 264.3](#)
- [HIST 265.3](#)
- [POLS 222.3](#)
- [POLS 322.3](#)
- [POLS 323.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 319.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)

Within the 18 credit units, students may choose up to 6 credit units of the following:

[CREE 101.6](#)

[CREE 110.3](#)

Within the 18 credit units, students may choose up to 3 credit units of the following:

[ARTH 252.6](#)

[ARTH 253.3](#)

[ARTH 255.3](#)
[ARTH 323.3](#)
[ARTH 358.3](#)
[ARTH 340.3](#)
[ARTH 345.3](#)
[ARTH 355.3](#)
[ARTH 418.3](#)
[ARTH 455.3](#)

Teaching Area 2 – Indigenous Studies

Choose 6 credit units from the following Indigenous Studies courses:

- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)

Choose an additional 9 credit units from the following Indigenous Studies courses:

- [HIST 263.6](#) (formerly HIST 222)
- [HIST 264.3](#)
- [HIST 265.3](#)
- [POLS 222.3](#)
- [POLS 322.3](#)
- [POLS 323.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 319.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)
- [200-Level, 300-Level or 400-Level INDG Courses](#)

Within the 9 credit units, students may choose up to 6 credit units of the following:

[CREE 101.6](#)
[CREE 110.3](#)

Within the 9 credit units, students may choose up to 3 credit units of the following:

[ARTH 252.6](#)
[ARTH 253.3](#)
[ARTH 255.3](#)
[ARTH 323.3](#)
[ARTH 358.3](#)
[ARTH 340.3](#)
[ARTH 345.3](#)
[ARTH 355.3](#)

[ARTH 418.3](#)

[ARTH 455.3](#)

Minor program revision: To include PHSI 208.6: Human Body Systems in the Science requirements and Teaching Areas 1 and 2 for the Elementary/Middle Years - Bachelor of Education Program routes.

Elementary/Middle Years

Choose 3 credit units of Science:

Please Note: not required if Science is a Teaching Area. *PLSC 214 is not acceptable toward this requirement.

- [EVSC 210.3](#)
- [EVSC 220.3](#)
- [EVSC 380.3](#)
- [EVSC 420.3](#)
- [EVSC 430.3](#)
- [GEOG 120.3](#)
- [GEOG 125.3](#)
- [GEOG 233.3](#)
- [GEOG 235.3](#)
- [GEOG 271.3](#)
- [GEOG 280.3](#)
- [GEOG 322.3](#)
- [GEOG 323.3](#)
- [GEOG 325.3](#)
- [GEOG 328.3](#)
- [GEOG 335.3](#)
- [GEOG 351.3](#)
- [GEOG 423.3](#)
- [GEOG 490.3](#)
- [GEOE 375.3](#)
- [INDG 241.3](#)
- [NUTR 120.3](#)
- [PHPY 301.3](#)
- [PHPY 302.3](#)
- [PHPY 303.3](#)
- [PHPY 304.3](#)
- [PHPY 305.3](#)
- [PHPY 308.3](#)
- [PHPY 401.3](#)
- [PHPY 403.3](#)
- [PHPY 405.3](#)
- [PHPY 432.3](#)

- **PHSI 208.6**
- [TOX 300.3](#)
- [200-Level, 300-Level or 400-Level ACB Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ARCH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ASTR Courses](#)
- [200-Level, 300-Level or 400-Level BIOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level BIOL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level BMSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CHEM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CMPT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EVSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level GEOL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level MCIM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PHYS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PLSC Courses](#)

Elementary/Middle Years

Teaching Area 1 – Science

Science

Note: [PLSC 214.3](#) cannot be used to fulfill this requirement. Also, please note that any 100-level course taken after the first 6 credit units will be counted as a senior course.

Choose 18 credit units from the following Science courses:

- [200-Level, 300-Level or 400-Level ACB Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ARCH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ASTR Courses](#)
- [200-Level, 300-Level or 400-Level BIOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level BIOL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level BMSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CHEM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CMPT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EVSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level GEOL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level MCIM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PHYS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PLSC Courses](#)
- [EVSC 210.3](#)
- [EVSC 220.3](#)
- [EVSC 380.3](#)
- [EVSC 420.3](#)
- [EVSC 430.3](#)
- [GEOG 120.3](#)

- [GEOG 125.3](#)
- [GEOG 233.3](#)
- [GEOG 235.3](#)
- [GEOG 271.3](#)
- [GEOG 280.3](#)
- [GEOG 322.3](#)
- [GEOG 323.3](#)
- [GEOG 325.3](#)
- [GEOG 328.3](#)
- [GEOG 335.3](#)
- [GEOG 351.3](#)
- [GEOG 423.3](#)
- [GEOG 490.3](#)
- [GEOE 375.3](#)
- [INDG 241.3](#)
- [NUTR 120.3](#)
- [PHPY 301.3](#)
- [PHPY 302.3](#)
- [PHPY 303.3](#)
- [PHPY 304.3](#)
- [PHPY 305.3](#)
- [PHPY 308.3](#)
- [PHPY 401.3](#)
- [PHPY 403.3](#)
- [PHPY 405.3](#)
- [PHPY 432.6](#)
- [PHSI 208.6](#)
- [TOX 300.3](#)

Elementary/Middle Years

Teaching Area 2 – Science

Science

Note: [PLSC 214.3](#) cannot be used to fulfill this requirement. Also, please note that any 100-level course taken after the first 6 credit units will be counted as a senior course.

Choose 12 credit units from the following Science courses:

- [100-Level, 200-Level, 300-Level or 400-Level ARCH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ASTR Courses](#)
- [200-Level, 300-Level or 400-Level BIOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level BIOL Courses](#)

- [100-Level, 200-Level, 300-Level or 400-Level BMSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CHEM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CMPT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EVSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level GEOL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HSC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level MCIM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PHYS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PLSC Courses](#)
- [EVSC 210.3](#)
- [EVSC 220.3](#)
- [EVSC 380.3](#)
- [EVSC 420.3](#)
- [EVSC 430.3](#)
- [GEOG 120.3](#)
- [GEOG 125.3](#)
- [GEOG 233.3](#)
- [GEOG 235.3](#)
- [GEOG 271.3](#)
- [GEOG 280.3](#)
- [GEOG 322.3](#)
- [GEOG 323.3](#)
- [GEOG 325.3](#)
- [GEOG 328.3](#)
- [GEOG 335.3](#)
- [GEOG 351.3](#)
- [GEOG 423.3](#)
- [GEOG 490.3](#)
- [GEOE 375.3](#)
- [INDG 241.3](#)
- [NUTR 120.3](#)
- [PHPY 301.3](#)
- [PHPY 302.3](#)
- [PHPY 303.3](#)
- [PHPY 304.3](#)
- [PHPY 305.3](#)
- [PHPY 308.3](#)
- [PHPY 401.3](#)
- [PHPY 403.3](#)
- [PHPY 405.3](#)
- [PHPY 432.6](#)
- [PHSI 208.6](#)
- [TOX 300.3](#)

Minor program revision: To allow INDG 262.3: Aboriginal Narratives of Historical Memory to be considered as an acceptable History course within the Social Sciences/Social Studies teaching areas for all Bachelor of Education program routes.

Elementary/Middle Years Program Requirements

Elementary – Teaching Area 1 Social Sciences/Social Studies

Choose 6 credit units from the following Indigenous Studies courses:

- [POLS 222.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)

Choose 6 credit units from the following History courses:

- [INDG 212.3](#)
- [INDG 262.3](#)
- [INDG 280.6](#)
- [INDG 281.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)

Choose 6 credit units from the following Social Science courses

- [100-Level, 200-Level, 300-Level or 400-Level ANTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CMRS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CTST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECON Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level IS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PHIL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level POLS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PSY Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level RLST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level SOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level WGST Courses](#)
- [CLAS 110.3](#)

- [CLAS 111.3](#)
- [CLAS 220.3](#)
- [CLAS 225.3](#)
- [CLAS 240.3](#)
- [CLAS 242.3](#)
- [CLAS 247.3](#)
- [CLAS 248.3](#)
- [GEOG 130.3](#)
- [GEOG 202.3](#)
- [GEOG 204.3](#)
- [GEOG 208.3](#)
- [GEOG 240.3](#)
- [GEOG 340.3](#)
- [GEOG 364.3](#)
- [GEOG 381.3](#)
- [GEOG 385.3](#)
- [GEOG 386.3](#)
- [GEOG 491.3](#)
- [PLAN 341.3](#)
- [PLAN 342.3](#)
- [PLAN 343.3](#)
- [PLAN 346.3](#)
- [PLAN 350.3](#)
- [PLAN 392.3](#)
- [PLAN 442.3](#)
- [PLAN 446.3](#)

Elementary – Teaching Area 2

Social Sciences/Social Studies

Choose 3 credit units from the following Indigenous Studies courses:

- [POLS 222.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)
- [SOC 341.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)

Choose 3 credit units from the following History courses:

- [INDG 212.3](#)
- [INDG 262.3](#)
- [INDG 280.6](#)
- [INDG 281.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)

Choose 6 credit units from the following Social Sciences courses:

- [CLAS 110.3](#)
- [CLAS 111.3](#)
- [CLAS 220.3](#)
- [CLAS 225.3](#)
- [CLAS 240.3](#)
- [CLAS 242.3](#)
- [CLAS 247.3](#)
- [CLAS 248.3](#)
- [GEOG 130.3](#)
- [GEOG 202.3](#)
- [GEOG 204.3](#)
- [GEOG 208.3](#)
- [GEOG 240.3](#)
- [GEOG 340.3](#)
- [GEOG 364.3](#)
- [GEOG 381.3](#)
- [GEOG 385.3](#)
- [GEOG 386.3](#)
- [GEOG 491.3](#)
- [PLAN 341.3](#)
- [PLAN 342.3](#)
- [PLAN 343.3](#)
- [PLAN 346.3](#)
- [PLAN 350.3](#)
- [PLAN 392.3](#)
- [PLAN 442.3](#)
- [PLAN 446.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level ANTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CMRS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CTST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECON Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level IS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PHIL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level POLS Courses](#)

- [100-Level, 200-Level, 300-Level or 400-Level PSY Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level RLST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level SOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level WGST Courses](#)

Secondary - Teaching Area 1

Social Sciences/Social Studies

Choose 6 credit units from the following Indigenous Studies courses:

- [POLS 222.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)

Choose 6 credit units from the following History courses:

- [INDG 212.3](#)
- [INDG 262.3](#)
- [INDG 280.6](#)
- [INDG 281.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)

Choose 12 credit units from the following Social Sciences courses:

- [100-Level, 200-Level, 300-Level or 400-Level ANTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CMRS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CTST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECON Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level IS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PHIL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level POLS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PSY Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level RLST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level SOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level WGST Courses](#)
- [CLAS 110.3](#)
- [CLAS 111.3](#)
- [CLAS 220.3](#)
- [CLAS 225.3](#)

- [CLAS 240.3](#)
- [CLAS 242.3](#)
- [CLAS 247.3](#)
- [CLAS 248.3](#)
- [GEOG 130.3](#)
- [GEOG 202.3](#)
- [GEOG 204.3](#)
- [GEOG 208.3](#)
- [GEOG 240.3](#)
- [GEOG 340.3](#)
- [GEOG 364.3](#)
- [GEOG 381.3](#)
- [GEOG 385.3](#)
- [GEOG 386.3](#)
- [GEOG 491.3](#)
- [PLAN 341.3](#)
- [PLAN 342.3](#)
- [PLAN 343.3](#)
- [PLAN 346.3](#)
- [PLAN 350.3](#)
- [PLAN 392.3](#)
- [PLAN 442.3](#)
- [PLAN 446.3](#)

Secondary – Teaching Area 2

Social Sciences/Social Studies

Choose 6 credit units from the following Indigenous Studies courses:

- [POLS 222.3](#)
- [SOC 203.3](#)
- [SOC 219.3](#)
- [SOC 320.3](#)
- [SOC 341.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)

Choose 6 credit units from the following History courses:

- [INDG 212.3](#)
- [INDG 262.3](#)
- [INDG 280.6](#)
- [INDG 281.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)

Choose 3 credit units from the following Social Sciences courses:

- [100-Level, 200-Level, 300-Level or 400-Level ANTH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CMRS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level CTST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECON Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HIST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level IS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PHIL Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level POLS Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level PSY Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level RLST Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level SOC Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level WGST Courses](#)
- [CLAS 110.3](#)
- [CLAS 111.3](#)
- [CLAS 220.3](#)
- [CLAS 225.3](#)
- [CLAS 240.3](#)
- [CLAS 242.3](#)
- [CLAS 247.3](#)
- [CLAS 248.3](#)
- [GEOG 130.3](#)
- [GEOG 202.3](#)
- [GEOG 204.3](#)
- [GEOG 208.3](#)
- [GEOG 240.3](#)
- [GEOG 340.3](#)
- [GEOG 364.3](#)
- [GEOG 381.3](#)
- [GEOG 385.3](#)
- [GEOG 386.3](#)
- [GEOG 491.3](#)
- [PLAN 341.3](#)
- [PLAN 342.3](#)
- [PLAN 343.3](#)
- [PLAN 346.3](#)
- [PLAN 350.3](#)
- [PLAN 392.3](#)
- [PLAN 442.3](#)
- [PLAN 446.3](#)

Minor program revision: For the Bachelor of Education – Sequential Music program route to require EPSE 202.3: Psychological Foundations of Teaching and Learning instead of EPSE 302.3: Situated Learners Contexts of Learning and Development; to require EPSE 348.3: Assessing Learning in the Classroom in place of 3 credit units of Education elective coursework; and, to replace 3 credit units of EMUS coursework with 3 credit units of Education elective coursework (Secondary stream only).

Note: Faculty and Staff in College of Arts and Science (Department of Music) were consulted prior to this motion being approved by Education Faculty Council.

Bachelor of Education (B.Ed.) - Sequential Music

- Completion of the Bachelor of Music degree in Music Education (This satisfies 60 credit units of the B.Ed. Sequential Music program).

Note: For detailed information about the Bachelor of Music degree in Music Education, please see the [Music Education](#) section of the Course and Program Catalogue.

Note: For detailed information about admission requirements, please see admission.usask.ca.

Elementary/Middle Years Program

The following **60 credit units** are required:

Year 1:

- [EPSE 202.3](#)
- [EFDT 301.3](#)
- ~~[EPSE 302.3](#)~~
- [ECUR 309.3](#)
- [ECUR 310.3](#)
- [EFDT 313.3](#)
- [EDST 322.3](#)
- [ECUR 312.3](#)
- [ECUR 322.3](#)
- [ECUR 382.3](#)

Choose **3 credit units** of Education electives from the following:

- [100-Level, 200-Level, 300-Level or 400-Level EADM Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level ECUR Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EFDT Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level EPSE Courses](#)

- [100-Level, 200-Level, 300-Level or 400-Level ETAD Courses](#)

Year 2:

- [EADM 303.3](#)
- [EPSE 348.3](#)
- One of [EADM 411.3](#), or [ECUR 411.3](#), or [EFDT 411.3](#), or [EPSE 411.3](#) or [EMUS 490.3](#)
- [EPSE 390.3](#)
- [EXPR 422.15](#)
- Choose one of [EART 303.3](#) or [ECUR 352.3](#) or [ECUR 450.3](#)

Choose ~~3 credit units~~ of Education electives from the following:

- ~~[100-Level, 200-Level, 300-Level or 400-Level EADM Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level ECUR Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level EFDT Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level EPSE Courses](#)~~
- ~~[100-Level, 200-Level, 300-Level or 400-Level ETAD Courses](#)~~

Secondary Program

The following **60 credit units** are required:

Year 1:

- [EPSE 202.3](#)
- [EFDT 301.3](#)
- ~~[EPSE 302.3](#)~~
- [ECUR 320.3](#)
- [ECUR 325.3](#)
- [EFDT 315.3](#)
- [EPSE 390.3](#)
- [EDST 322.3](#)

Choose ~~3~~ **6 credit units** of Education electives from the following:

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

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

- ~~[100-Level, 200-Level, 300-Level or 400-Level EMUS Courses](#)~~

Choose **3 credit units** of Education methods for Teaching Area 2:

- [EART 331.3](#)
- [ECUR 318.3](#)
- [ECUR 326.3](#)
- [ECUR 349.3](#)
- [ECUR 362.3](#)
- [ECUR 379.3](#)
- [ECUR 386.3](#)

Year 2:

- [EADM 303.3](#)
- [EPSE 348.3](#)
- One of [EADM 411.3](#), or [ECUR 411.3](#), or [EFDT 411.3](#), or [EPSE 411.3](#) or [EMUS 490.3](#)
- [EXPR 422.15](#)

Choose **9 6 credit units** of Education electives from the following:

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

Minor program revision: For the SUNTEP – Saskatoon Secondary stream to include either EFDT 313.3: Pedagogies of Place Context Based Learning Elementary or EFDT 315.3: Pedagogies of Place Context Based Learning Secondary and, in place of one of these course requirements, allow for 3 credit units of Education elective coursework.

[SUNTEP Saskatoon – Secondary Requirements \(120 credit units\):](#)

Information about the courses that count towards the Secondary Teaching Areas 1 and 2 is available under the “[Bachelor of Education \(B.Ed.\)](#)” program listing in this Catalogue (see Secondary Teaching Areas).

Students must complete 24 credit units of Teaching Area 1.

Indigenous Studies and Social Sciences/Social Studies are typically the Teaching Area 1 options offered by SUNTEP Saskatoon.

Students must complete 15 credit units of Teaching Area 2.

[Year 1 - 30 credit units](#)

- [EFDT 101.3](#)
- [EFDT 313.3](#) or [EFDT 315.3](#)
- [INDG 107.3](#)

Choose 3 credit units from the following:

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

Choose 6 credit units of junior-level English:

- [100-Level ENG Courses](#)

Choose 6 credit units from the following:

- Secondary - Teaching Area 1* (100-level)

Choose 3 credit units from the following:

- Secondary - Teaching Area 2* (100-level)

Choose 3 credit units from the following:

- Open Elective 100-400 level (Open Electives must be compiled using 3 or 6 credit units courses.)

Year 2 - 30 credit units

- [EFDT 301.3](#)
- ~~[EFDT 315.3](#)~~
- [INDG 280.6](#)

Choose 3 credit units from the following:

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

Choose 3 credit units of Education methods courses (Teaching Area 1 or Teaching Area 2 methods) from the following:

- [EART 331.3](#)
- [ECUR 318.3](#)
- [ECUR 326.3](#)
- [ECUR 349.3](#)
- [ECUR 357.3](#) (Teaching Area 1 only; B.Sc. Kinesiology graduates only)
- [ECUR 362.3](#)
- [ECUR 379.3](#)
- [ECUR 386.3](#)

[Choose 6 credit units from the following:](#)

- Secondary - Teaching Area 1* (200-level, 300-level, or 400-level)

[Choose 6 credit units from the following:](#)

- Secondary - Teaching Area 2* (200-level, 300-level, or 400-level)

[Choose 3 credit units from the following:](#)

- Open Elective 100-400 level (Open Electives must be compiled using 3 or 6 credit units courses.)

[Spring Term \(after Year 2\) - 3 credit units](#)

- [EDST 321.3](#)

[Year 3 - 30 credit units](#)

- [EPSE 202.3](#)
- [ECUR 320.3](#)
- [ECUR 325.3](#)

Choose 3 credit units of Education methods courses (Teaching Area 1 or Teaching Area 2 methods) from the following:

- [EART 331.3](#)
- [ECUR 318.3](#)
- [ECUR 326.3](#)
- [ECUR 349.3](#)
- [ECUR 357.3](#) (Teaching Area 1 only; B.Sc. Kinesiology graduates only)

- [ECUR 362.3](#)
- [ECUR 379.3](#)
- [ECUR 386.3](#)

Choose 12 credit units from the following:

- Secondary - Teaching Area 1* (200-level, 300-level, or 400-level)

Choose 6 credit units from the following:

- Secondary - Teaching Area 2* (200-level, 300-level, or 400-level)

Spring Term (after Year 3) – 3 credit units

- [EDST 322.3](#)

Year 4 – 24 credit units

- [EXPR 422.15](#)
- [EADM 303.3](#)
- [EPSE 390.3](#)
- [EFDT 435.3](#)

**If Teaching Area requirements are fulfilled, then replace requirement with an External Elective, as approved by the college.*

- *Open Elective 100-400 level (Open Electives must be compiled using 3 or 6 credit units courses.)*

Minor program revision: To add EFDT 421.3: Experiencing and Examining Métis and First Nations Traditions and World Views as an option under the senior-level Indigenous Studies Teaching Area requirements for the SUNTEP – PA Bachelor of Education program route.

SUNTEP Prince Albert (120 credit units):

Information about the courses that count towards the Elementary/Middle Years Teaching Areas 1 and 2 is available under the "[Bachelor of Education \(B.Ed.\)](#)" program listing in this Catalogue (see Elementary/Middle Years Teaching Areas).

Note: Indigenous Studies is Teaching Area 1 and English Language Arts is Teaching Area 2.

Year 1 - 30 credit units

Non-Credit Support Courses:

- [ENG 99.0](#)
- [MATH 99.0](#)

Required Education Courses:

- [EFDT 101.3](#)
- [EPSE 202.3](#)

Choose 3 credit units of junior level English:

- [100-Level ENG Courses](#)

Choose 3 credit units of Fine Arts:

- Arts Education courses from Elementary Teaching Areas 1 or 2

Choose 3 credit units of electives:

- Open Electives 100-400 level (must be compiled using 3 or 6 credit unit courses)

Choose 6 credit units of Indigenous Studies:

- [100-Level, 200-Level, 300-Level or 400-Level INDG Courses](#)

Choose 3 credit units of senior level Indigenous Studies:

- [200-Level, 300-Level or 400-Level INDG Courses](#)
- [EFDT 421.3](#)

Choose 3 credit units of Kinesiology:

- [KIN 121.3](#) or [KIN 122.3](#) or [KIN 146.3](#)

Choose 3 credit units of Mathematics or Statistics:

- [ECUR 311.3](#)
- [100-Level, 200-Level, 300-Level or 400-Level MATH Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level STAT Courses](#)

Year 2 - 36 credit units

Required Education Courses:

- [ECUR 309.3](#)
- [ECUR 310.3](#)
- [ECUR 316.3](#)

- [ECUR 322.3](#)
- one of [EIND 380.3](#) or [EART 303.3](#) or [ECUR 352.3](#) or [ECUR 450.3](#)
- [EDST 321.3](#)

Choose 3 credit units of junior level English:

- [100-Level ENG Courses](#)

Choose 3 credit units of Science:

- Science courses from Elementary Teaching Areas 1 or 2

Choose 6 credit units senior level Indigenous Studies courses:

- [200-Level, 300-Level or 400-Level INDG Courses](#)
- [EFDT 421.3](#)

Choose 6 credit units of electives:

- Open Electives 100-400 level (must be compiled using 3 or 6 credit unit courses)

Year 3 - 30 credit units

Required Education Courses:

- [EFDT 301.3](#)
- [EADM 303.3](#)
- [EFDT 313.3](#)
- [ECUR 382.3](#)
- [EDST 322.3](#)
- [EPSE 390.3](#)

Choose 3 credit units senior level Indigenous Studies courses:

- [200-Level, 300-Level or 400-Level INDG Courses](#)
- [EFDT 421.3](#)

Choose 6 credit units of senior level English:

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

Choose 3 credit units of electives:

- Open Electives 100-400 level (must be compiled using 3 or 6 credit unit courses)

Year 4 - 24 credit units

Required Education Course:

- [EXPR 422.15](#)

Choose 3 credit units from the following:

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

Choose 6 credit units of electives:

- Open Electives 100-400 level (must be compiled using 3 or 6 credit unit courses)

For Information

The following items are submitted here for information:

Minor program revision: To add TESL 333.3: The Structure of English for Language Teaching as an elective for the Post-Degree Certificate in English as an Additional Language Education (PDCEAL).

Post-Degree Certificate in English as an Additional Language Education (P.D.C.)

If a required course has been taken as part of the B.Ed. program or any other degree program, students may select an additional language class or elective course from the lists provided.

Program requirements for students without a CERTESL (30 credit units)

- [ECUR 291.3](#)
- [ECUR 391.3](#)
- [ECUR 393.3](#)
- [ECUR 415.3](#)
- [ECUR 490.3](#)
- [ECUR 492.3](#)
- [ECUR 493.3](#)
- 3 credit units from Individual Language Learning Experience List
- 6 credit units from Electives List (in consultation with Program Advisor)
- Upon completion of the program requirements and notification of approval from the Saskatchewan Professional Teachers Regulatory Board (SPTRB), students will be eligible to graduate.

Program requirements for students with a CERTESL (30 credit units)

- [ECUR 415.3](#)
- [ECUR 490.3](#)
- [ECUR 492.3](#)
- [ECUR 493.3](#)
- 3 credit units from Individual Language Learning Experience List
- 15 credit units from Electives List (in consultation with Program Advisor)
- Upon completion of the program requirements and notification of approval from the Saskatchewan Professional Teachers Regulatory Board (SPTRB), students will be eligible to graduate.

Individual Language Learning Experience List

Students are required to take one university level class in a language other than English. Any recognized language course offered for credit at the University of Saskatchewan or another Canadian university will be acceptable, including credit courses in Indigenous languages.

Note: If a language course is available online, the credit will be accepted. However, it is preferred that students experience learning an additional language in a classroom setting.

[Choose from the following:](#)

Arabic

- [ARBC 114.3](#)
- [ARBC 117.3](#)

Chinese

- [CHIN 114.3](#)
- [CHIN 117.3](#)
- [CHIN 202.3](#)
- [CHIN 204.3](#)
- [CHIN 214.3](#)
- [CHIN 216.3](#)
- [CHIN 217.3](#)
- [CHIN 218.3](#)

Cree

- [CREE 101.6](#)
- [CREE 110.3](#)
- [CREE 120.6](#)

French

- [FREN 103.3](#)
- [FREN 106.3](#)
- [FREN 122.3](#)
- [FREN 125.3](#)
- [FREN 212.3](#)
- [FREN 218.3](#)
- [FREN 312.3](#)

German

- [GERM 114.3](#)
- [GERM 117.3](#)

- [GERM 202.3](#)
- [GERM 204.3](#)
- [GERM 214.3](#)
- [GERM 217.3](#)
- [GERM 272.6](#)
- [GERM 273.6](#)
- [GERM 274.6](#)
- [GERM 275.6](#)
- [GERM 314.3](#)
- [GERM 317.3](#)

Greek

- [GRK 112.3](#)
- [GRK 113.3](#)
- [GRK 202.3](#)
- [GRK 203.3](#)

Hebrew

- [HEB 114.3](#)
- [HEB 117.3](#)

Hindi

- [HNDI 114.3](#)
- [HNDS 117.3](#)

Japanese

- [JPNS 114.3](#)
- [JPNS 117.3](#)
- [JPNS 214.3](#)
- [JPNS 217.3](#)

Latin

- [LATN 112.3](#)
- [LATN 113.3](#)
- [LATN 202.3](#)
- [LATN 203.3](#)
- [LATN 400.3](#)

Russian

- [RUSS 114.3](#)
- [RUSS 117.3](#)

Sanskrit

- [SNSK 114.3](#)
- [SNSK 117.3](#)

Spanish

- [SPAN 114.3](#)
- [SPAN 117.3](#)
- [SPAN 202.3](#)
- [SPAN 204.3](#)
- [SPAN 214.3](#)
- [SPAN 217.3](#)
- [SPAN 275.3](#)
- [SPAN 314.3](#)
- [SPAN 317.3](#)
- [SPAN 325.3](#)

Ukrainian

- [UKR 114.3](#)
- [UKR 117.3](#)
- [UKR 214.3](#)
- [UKR 217.3](#)
- [UKR 314.3](#)
- [UKR 317.3](#)

Electives List

Students may select a course that is not listed below if approved by the Department Head of Curriculum Studies.

Choose from the following (in consultation with Department Head):

- [ECUR 475.3](#)
- [EIND 380.3](#)
- [EPSE 510.3](#)
- [LING 110.3](#)
- [LING 111.3](#)
- [LING 244.3](#)
- [LING 248.3](#)
- [LING 251.3](#)

- [LING 252.3](#)
- [LING 253.3](#)
- [TESL 333.3](#)

Minor program revision: To revise the prerequisites for ECUR 490: Language and Content: Instructional Approaches for EAL Learners and ECUR 492: Approaches to Assessment with EAL Learners to include ECUR 393.3: Advanced Methods in Teaching English as a Second Language and ECUR 415.3: Current Issues in English as an Additional Language.

ECUR 490.3 — 3L

Language and Content: Instructional Approaches for EAL Learners

This course explores instructional approaches and strategies that are effective with EAL learners in PreK-12 classrooms. Course topics include linguistic and cultural profile, the shift from conversational to academic language, the role of vocabulary-building, and the selection of instructional strategies and resources to support EAL needs. Current research on language learning through content areas will be examined. Students will discuss approaches to instruction with young EAL learners, as well as circumstances that impact the progress of high school English language learners.

Restrictions: Course only open to students completing the Post-Degree Certificate in English as an Additional Language.

Prerequisite(s): ECUR 291.3, ~~and~~ ECUR 391.3, [ECUR 393.3](#), and [ECUR 415.3](#).

ECUR 492.3 — 3L

Approaches to Assessment with EAL Learners

This course presents an overview of the stages of learning an additional language and proficiency levels required to succeed with curriculum outcomes. Several reference scales used for monitoring and assessing language progress will be examined. Students will study current research and approaches to EAL initial assessment and ongoing assessment. Vulnerability factors that affect the progress of linguistically and culturally diverse learners at school will also be addressed.

Restrictions: Course only open to students completing the Post-Degree Certificate in English as an Additional Language.

Prerequisite(s): ECUR 291.3, ~~and~~ ECUR 391.3, [ECUR 393.3](#), and [ECUR 415.3](#).

Minor program revision: To change the course description of ECUR 415.3: Current Issues in English as an Additional Language to:

With globalization and the increase in migration in today's world, schools are receiving increasing numbers of English language learners. This course examines pedagogical issues pertaining to EAL learners, as well as social and political issues that affect learning additional languages within K-12 contexts. A school-based observation is included in the course.

Emphasis is placed on how to prepare teachers to address linguistic and cultural diversity more effectively in today's classrooms.

ECUR 415.3 — 1/2(3L)

Current Issues in English as an Additional Language

With globalization and the increase in migration in today's world, schools are receiving increasing numbers of English language learners. This course examines ~~the pedagogical, social, and political~~ issues pertaining to ~~EAL learners, as well as social and political issues that affect learning additional languages within K-12 contexts. learning English as an additional language and other languages within a school environment.~~ A school-based observation is included in the course. Emphasis is placed on how to prepare teachers to address linguistic and cultural diversity more effectively in today's classrooms.

Minor program revision: To revise the titles as listed below:

- **ECUR 291.3: Introduction to Teaching of English as a Second/Additional Language**
- **ECUR 391.3: Theory of Second/Additional Language Learning and Methods of Skills Development**
- **ECUR 393.3: Advanced Methods in Teaching English as a Second/Additional Language**

ECUR 291.3 — 1/2(3L)

Introduction to Teaching of English as a Second/~~Additional~~ Language

ECUR 391.3 — 1/2(3L)

Theory of Second/~~Additional~~ Language Learning and Methods of Skills Development

ECUR 393.3 — 1/2(3L)

Advanced Methods in Teaching English as a Second/~~Additional~~ Language

College of Medicine, October 2018 University Course Challenge

The following changes have been approved by the College of Medicine and are being submitted to University Course Challenge for approval:

Minor Course Revision:

PATH 205.3 — 1/2(3L)

Survey of Pathology

General and special pathology for ~~dietitians~~ ~~pharmacists~~, physical therapists and other health sciences.

Permission of the Department required.

Restriction(s): Enrolment in ~~Pharmacy and~~ Biomedical Sciences, Nutrition, Physiology, or other health sciences.

Rationale: This course entry is being updated to reflect that this course is not required in the new Pharm.D. program.