



Academic Programs Committee of Council

University Course Challenge

Scheduled posting: February 2022

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

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

College of Arts and Science
College of Education
College of Graduate and Postdoctoral Studies

Approval: Date of circulation: February 14, 2022
 Date of effective approval if no challenge received: March 1, 2022

Next scheduled posting:

The next scheduled posting will be March 17, 2022, with a submission deadline of **March 14, 2021**. Urgent items can be posted on request.

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

University Course Challenge – February 2022

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)

Archaeology

Minor program revisions:

Bachelor of Science Honours, Double Honours and Four-year programs in Archaeology

Add ARCH 259 (Archaeology North America), ARCH 359 (Archaeology of the Northwest Coast and Plateau), and the ARCH Special Topics courses (298.3, 299.6, 398.3, 399.6, 498.3, and 499.6) to the course options in the Major Requirement, as shown below.

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

C4 Major Requirement (54 credit units)

- **ARCH 361.6** Archaeological Field Methods

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

- **ANTH 111.3** One World Many Peoples Introduction to Cultural Anthropology
- **ARCH 112.3** The Human Journey Introduction to Archaeology and Biological Anthropology
- **ARCH 116.3** Introduction to Near Eastern and Classical Archaeology

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

At least 15 credit units must be at the 300-level or higher.

- **ACB 310.3** Basic Human Anatomy
- **ARCH 250.3** Introduction to Archaeological Science
- **ARCH 251.3** Introduction to Archaeological Interpretation
- **ARCH 259.3** Archaeology of North America
- **ARCH 270.3** Human Evolution
- **ARCH 298.3** Special Topics
- **ARCH 299.6** Special Topics
- **ARCH 330.3** The Archaeology of Human Environmental Impact
- **ARCH 350.3** Introduction to Boreal Forest Archaeology
- **ARCH 352.3** Historical Archaeology
- **ARCH 353.3** Plains Archaeology
- **ARCH 359.3** Archaeology of the Northwest Coast and Plateau
- **ARCH 385.3** Computer Applications in Archaeology
- **ARCH 398.3** Special Topics
- **ARCH 399.6** Special Topics
- ARCH 457.3
- **ARCH 458.6** Zooarchaeology
- **ARCH 459.3** Geoarchaeology
- **ARCH 462.3** Contemporary Archaeological Theory
- **ARCH 465.3** Spatial Analysis of Archaeological Data

- [ARCH 470.3](#) Human Osteology
- [ARCH 471.3](#) Forensic Anthropology
- [ARCH 472.3](#) Palaeopathology
- [ARCH 475.3](#) Bioarchaeology
- [ARCH 498.3 Special Topics](#)
- [ARCH 499.6 Special Topics](#)
- [BIOL 324.3](#) Plants and Human Affairs
- [GEOG 235.3](#) Earth Processes and Natural Hazards A Canadian Perspective
- [GEOL 245.3](#) Introduction to Sedimentary Rocks (formerly GEOL 243)
- [GEOL 247.3](#) Palaeontology (formerly GEOL 246)

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

C4 Major Requirement (42 credit units)

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

- [ANTH 111.3](#) One World Many Peoples Introduction to Cultural Anthropology
- [ARCH 112.3](#) The Human Journey Introduction to Archaeology and Biological Anthropology
- [ARCH 116.3](#) Introduction to Near Eastern and Classical Archaeology

Choose **36 credit units** from the following:

At least 9 credit units must at the 300-level or higher.

- [ACB 310.3](#) Basic Human Anatomy
- [ARCH 250.3](#) Introduction to Archaeological Science
- [ARCH 251.3](#) Introduction to Archaeological Interpretation
- [ARCH 259.3 Archaeology of North America](#)
- [ARCH 270.3](#) Human Evolution
- [ARCH 298.3 Special Topics](#)
- [ARCH 299.6 Special Topics](#)
- [ARCH 330.3](#) The Archaeology of Human Environmental Impact
- [ARCH 350.3](#) Introduction to Boreal Forest Archaeology
- [ARCH 352.3](#) Historical Archaeology
- [ARCH 353.3](#) Plains Archaeology
- [ARCH 359.3 Archaeology of the Northwest Coast and Plateau](#)
- [ARCH 361.6](#) Archaeological Field Methods
- [ARCH 385.3](#) Computer Applications in Archaeology
- [ARCH 398.3 Special Topics](#)
- [ARCH 399.6 Special Topics](#)
- ARCH 457.3
- [ARCH 458.6](#) Zooarchaeology
- [ARCH 459.3](#) Geoarchaeology
- [ARCH 462.3](#) Contemporary Archaeological Theory
- [ARCH 465.3](#) Spatial Analysis of Archaeological Data
- [ARCH 470.3](#) Human Osteology
- [ARCH 471.3](#) Forensic Anthropology
- [ARCH 472.3](#) Palaeopathology
- [ARCH 475.3](#) Bioarchaeology
- [ARCH 498.3 Special Topics](#)
- [ARCH 499.6 Special Topics](#)

- [BIOL 324.3](#) Plants and Human Affairs
- [GEOG 235.3](#) Earth Processes and Natural Hazards A Canadian Perspective
- [GEOL 245.3](#) Introduction to Sedimentary Rocks (formerly GEOL 243)
- [GEOL 247.3](#) Palaeontology (formerly GEOL 246)

Bachelor of Science Double Honours - Archaeology - Major 1

C4 Major Requirement (36 credit units)

- [ARCH 361.6](#) Archaeological Field Methods

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

- [ANTH 111.3](#) One World Many Peoples Introduction to Cultural Anthropology
- [ARCH 112.3](#) The Human Journey Introduction to Archaeology and Biological Anthropology
- [ARCH 116.3](#) Introduction to Near Eastern and Classical Archaeology

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

- [ARCH 250.3](#) Introduction to Archaeological Science
- [ARCH 251.3](#) Introduction to Archaeological Interpretation
- [ARCH 270.3](#) Human Evolution
- [GEOG 235.3](#) Earth Processes and Natural Hazards A Canadian Perspective
- [GEOL 245.3](#) Introduction to Sedimentary Rocks (formerly GEOL 243)
- [GEOL 247.3](#) Palaeontology (formerly GEOL 246)

Choose **15 credit units** from the following:

At least 6 credit units must at the 300-level or higher.

- [ARCH 259.3](#) Archaeology of North America
- [ARCH 298.3](#) Special Topics
- [ARCH 299.6](#) Special Topics
- [ARCH 330.3](#) The Archaeology of Human Environmental Impact
- [ARCH 350.3](#) Introduction to Boreal Forest Archaeology
- [ARCH 352.3](#) Historical Archaeology
- [ARCH 353.3](#) Plains Archaeology
- [ARCH 359.3](#) Archaeology of the Northwest Coast and Plateau
- [ARCH 385.3](#) Computer Applications in Archaeology
- [ARCH 398.3](#) Special Topics
- [ARCH 399.6](#) Special Topics
- [ARCH 457.3](#)
- [ARCH 458.6](#) Zooarchaeology
- [ARCH 459.3](#) Geoarchaeology
- [ARCH 465.3](#) Spatial Analysis of Archaeological Data
- [ARCH 470.3](#) Human Osteology
- [ARCH 471.3](#) Forensic Anthropology
- [ARCH 472.3](#) Palaeopathology
- [ARCH 475.3](#) Bioarchaeology
- [ARCH 498.3](#) Special Topics
- [ARCH 499.6](#) Special Topics
- [BIOL 324.3](#) Plants and Human Affairs

- CPPS 310.3

Double Honours - Archaeology - Major 2 (Science Option)

Requirements (36 credit units)

- [ARCH 361.6](#) Archaeological Field Methods

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

- [ANTH 111.3](#) One World Many Peoples Introduction to Cultural Anthropology
- [ARCH 112.3](#) The Human Journey Introduction to Archaeology and Biological Anthropology
- [ARCH 116.3](#) Introduction to Near Eastern and Classical Archaeology

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

- [ARCH 250.3](#) Introduction to Archaeological Science
- [ARCH 251.3](#) Introduction to Archaeological Interpretation
- [ARCH 270.3](#) Human Evolution
- [GEOG 235.3](#) Earth Processes and Natural Hazards A Canadian Perspective
- [GEOL 245.3](#) Introduction to Sedimentary Rocks (formerly GEOL 243)
- [GEOL 247.3](#) Palaeontology (formerly GEOL 246)

Choose **15 credit units** from the following:

At least 6 credit units must at the 300-level or higher.

- [ARCH 259.3](#) Archaeology of North America
- [ARCH 298.3](#) Special Topics
- [ARCH 299.6](#) Special Topics
- [ARCH 330.3](#) The Archaeology of Human Environmental Impact
- [ARCH 350.3](#) Introduction to Boreal Forest Archaeology
- [ARCH 352.3](#) Historical Archaeology
- [ARCH 353.3](#) Plains Archaeology
- [ARCH 359.3](#) Archaeology of the Northwest Coast and Plateau
- [ARCH 385.3](#) Computer Applications in Archaeology
- [ARCH 398.3](#) Special Topics
- [ARCH 399.6](#) Special Topics
- [ARCH 457.3](#)
- [ARCH 458.6](#) Zooarchaeology
- [ARCH 459.3](#) Geoarchaeology
- [ARCH 465.3](#) Spatial Analysis of Archaeological Data
- [ARCH 470.3](#) Human Osteology
- [ARCH 471.3](#) Forensic Anthropology
- [ARCH 472.3](#) Palaeopathology
- [ARCH 475.3](#) Bioarchaeology
- [ARCH 498.3](#) Special Topics
- [ARCH 499.6](#) Special Topics
- [BIOL 324.3](#) Plants and Human Affairs
- CPPS 310.3

Rationale: ARCH 259 and 359 are fairly new additions to our course roster, and each include extensive emphasis on new and established archaeological research methods within their regional or topical focus. In this way, they are similar to many ARCH courses that are already included as options in the C4 Major Requirement (e.g., ARCH 250, 251, 270, 353, 385, 470, 475). All of the current faculty who teach ARCH courses do so with a science focus, so any Special Topics courses proposed or recently approved will be appropriate for inclusion in these programs.

With the recent retirement of a faculty member, E. Walker, several ARCH courses that were once taught regularly are no longer available to students. The addition of these course options will allow students in our BSc programs to meet their program requirements and successfully complete their degrees.

Biomedical Sciences

New course(s):

BMSC 405.3 Current Topics in Biomedical Sciences

1 Lecture hour and 2 Seminar hours

Leading edge and state-of-the-art research will be examined in a seminar-discussion format where students will present and assess selected publications from the current scientific literature on a variety of topics in the field of biomedical sciences.

Prerequisite(s): Completion of total of 9 cu from BMSC 320.3, BMSC 350.3, CPPS 304.3, BMIS 321.3 or PATH 205.3.

Instructor(s): Michelle Collins, Scott Napper, Kerry Lavender, Scott Widenmaier

Rationale: This course is required for the Interdisciplinary Biomedical Sciences program.

Geology

Minor course revisions

GEOL 247.3 Palaeontology

Prerequisite change:

Old prerequisite(s): GEOL 122 and 245.

New prerequisite(s): GEOL 122.3 or BIOL 121.3

Rationale: Students in the Palaeobiology program sometimes have difficulties in registering for this course, depending on how they have built their schedule. By removing GEOL 245 as a prerequisite and giving students the option of taking BIOL 121 or GEOL 122, students will have greater flexibility in scheduling their classes. This will also allow biology students interested in ancient life to register for the course without having to take the geology prerequisites.

As the course is taught now, GEOL 245 is not necessary for GEOL 247. The geological timescale, sedimentary environments, stratigraphy, and the contribution of fossils to sediments are covered already in GEOL 122. Biology and palaeobiology students may not have either GEOL 122 or 245 but they will be well ahead of geology students in their understanding of concepts such as evolution and ecology. The geological timescale is reviewed at the beginning of the course and sedimentary environments are explained as they apply to different fossil groups so this should not cause any problems.

History

New course(s):

HIST 454.3 Magic Esotericism and Occultism in the Modern West

3 Seminar hours

Movements promoting occult, magical, and esoteric ideas have been typically excluded from narratives of Western history as irrelevant remnants of a disappearing "enchanted" past. This course considers movements, organizations, and practices such as Freemasonry, Spiritualism, Neopaganism, Alternative Health or Wellbeing, and the New Age which have attracted, and continue to attract, significant numbers of adherents and have had major impacts upon western cultural, intellectual, artistic, and literary traditions. It uses these to explore the social theories of secularization and disenchantment as well as the

ways in which Western colonial identities and conceptions of modernity have been constructed upon them.

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

Note: Students with credit for HIST 498.3 Magic and Occultism in the Modern West may not take this course for credit.

Instructor(s): Frank Klaassen

Rationale: This course improves the department's offerings in the field and reflects the research interests of the instructor. It will help diversify and broaden the 400-level course offerings in European history.

Course deletion(s):

HIST 281.6 Military History

Rationale: The department is moving away from 6 credit unit courses. This course has not been taught for more than 4 years.

Statistics

New course(s):

STAT 410.3 Topics in Probability and Statistics

3 Lecture hours and 1 Practicum/Lab hour

This course will cover topics in probability and statistics not discussed in other courses. Possible subjects include: large deviation theory, stochastic calculus and Ito's formula, stochastic coupling and convergence rates, asymptotic techniques in probability and statistics, and advanced Markov chain algorithms.

Prerequisite(s): Permission of the instructor.

Note: Students may take this course more than once for credit provided that the topics covered in each offering differ substantially. Students must consult the Department to ensure that the topics covered are different.

Instructor(s): Raj Srinivasan, Chris Soteris, Shahedul Khan, Li Xing, Juxin Liu, Longhai Li, Bill Lavery

Rationale: The department has been relying on Special Topics courses to offer different topics on a rotating basis. Creating a set of selected topics courses will be better to give students a sense of what general topics are generally offered, and will allow the department to be more responsive to offering new topics based on faculty and student interest.

STAT 420.3 Topics in Computational Statistics

3 Lecture hours and 1 Practicum/Lab hour

This course will cover topics in using computer to solve statistical problems. Possible subjects include: computational methods/toolkits for data wrangling, exploration, visualization and analysis with R/Python; R/python for data science; computational techniques (e.g. optimization, integration, algebra) for statistical inference; computing intensive statistical methods (e.g. bootstrapping methods, sample-size determination, Monte Carlo methods).

Prerequisite(s): Permission of the instructor.

Note: Students may take this course more than once for credit provided that the topics covered in each offering differ substantially. Students must consult the Department to ensure that the topics covered are different.

Instructor(s): Shahedul Khan, Longhai Li, Juxin Liu, Li Xing

Rationale: See STAT 410 above.

STAT 430.3 Topics in Applied Statistics

3 Lecture hours and 1 Practicum/Lab hour

This course will cover topics in Applied Statistics not discussed in other courses. Possible subjects include: exploratory data analysis, survival analysis, longitudinal data analysis, spatial statistics, non-parametric methods, and data mining and visualization.

Prerequisite(s): STAT 344 or permission of the instructor.

Note: Students may take this course more than once for credit provided that the topics covered in each offering differ substantially. Students must consult the Department to ensure that the topics covered are different.

Instructor(s): Shahedul Khan, Longhai Li, Juxin Liu, Li Xing

Rationale: See STAT 410 above.

Items for Information

Studio Art

Minor course revisions

ART 321.3 Drawing and Related Work III B

Prerequisite change:

Old prerequisite(s): ART 221.3

New prerequisite(s): ART 320.3

Rationale: The drawing courses are meant to be taken in a progression as students learn further skills and techniques to add to their studio practice. This change will reflect the intended progression.

ART 450.3 Advanced Studies in Studio Art I

Prerequisite change:

Old prerequisite(s): ART 416.6, ART 439.3, ART 442.3, ART 470.3, ART 471.3, ART 472.3, ART 473.3, ART 476.3 or ART 477.3

New prerequisite(s): ART 416.6, ART 439.3, ART 442.3, ART 460.3, ART 461.3, ART 470.3, ART 471.3, ART 472.3, ART 473.3, ART 476.3 or ART 477.3

Rationale: ART 460.3 and 461.3 are recently approved courses which are appropriate to serve as prerequisites for this course, for students whose studies are in the area of digital art.

ART 471.3 Drawing and Related Work IV B

Prerequisite change:

Old prerequisite(s): ART 321.3

New prerequisite(s): ART 470.3

Rationale: See ART 321 above.

ART 473.3 Painting and Related Work IV B

Prerequisite change:

Old prerequisite(s): ART 323.3

New prerequisite(s): ART 472.3 or permission of the instructor.

Rationale: This change makes clear the intended sequence for painting courses, while offering the instructor flexibility when appropriate.

University Course Challenge, February 2022

The following new courses and curricular changes have been approved by the College of Graduate and Postdoctoral Studies and are now being submitted to University Course Challenge for approval:

Contact: Melissa Kyrejto (melissa.kyrejto@usask.ca)

New Course Proposals

MSTA 003: Maintenance of Status for Outbound Dual Degree/Cotutelle Programs

Students in an approved graduate-level dual degree or cotutelle program must maintain full-time registration at USask. Dual degree or cotutelle students who are not actively taking courses at USask in a given term and who are registered at the partner institution must register in this placeholder class to maintain full-time status at USask.

Rationale: CGPS wants to ensure students pursuing approved dual degree or cotutelle programs maintain continuous registration at USask. However, currently the only way to do this is to require the student to register (and pay tuition) in every term following their initial enrollment at USask through to degree completion. While the CGPS still requires dual degree and cotutelle students to pay tuition to USask for 50% (typically two years) of their time in program, creation of this specific MSTa course will allow students to maintain continuous registration at USask without being assessed tuition during the term(s) of study when they are at the partner institution.

For Information

Please note the following correction to the Course-based M.Ed. in Educational Psychology and Special Education (Special Education Stream), as follows in red:

Course-based M.Ed. in Educational Psychology and Special Education (Special Education Stream)

The course-based route is 30 credit units.

Students must maintain continuous registration, either in a credit course or a tuition bearing maintenance of status.

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

- 9 credit units of electives chosen in consultation with EPSE Graduate Chair
- ~~EPSE 842.3, or 3 credit units in Applied Measurement and Evaluation as approved by the EPSE department, or EPSE 843.3, or 3 credit units in Applied Measurement and Evaluation, as approved by the EPSE department.~~
- EPSE 859.3
- EPSE 868.3
- EPSE 888.3

- EPSE 990.0
- EPSE 993.3
- ERES 800.3
- Two 3 credit unit courses in Research Methodology, one of which must be an ERES course or its equivalent as chosen from the following: ERES 840.3, or 3 credit units in Intermediate Statistics as approved by the EPSE department, or ERES 845.3, or 3 credit units in Qualitative Research Methods, as approved by the EPSE department.

Economics

Correction: ECON 815 and ECON 821 were proposed as new courses in the December UCC, but those numbers are not available. The numbers have been changed, but all other details of the courses remain the same: ECON 822 Development Economics (was originally approved as ECON 815) and ECON 825 Energy Economics (was originally approved as ECON 825).

Educational Foundations

Correction: EFDT 843 was also a new course proposal in the December UCC, but the number was submitted incorrectly and should be EFDT 834.



College of Education – February 2022 University Course Challenge

The curricular revision listed below was approved by the College of Education Faculty Council on Friday, February 11, 2022 and is now submitted to the University Course Challenge for approval.

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

Pre-requisite Addition for ECUR 308.3

Rationale: ECUR 307.3: Early Literacy Prekindergarten to Grade 3 and ECUR 308.3: Reading and Writing Development Prekindergarten to Grade 3 were developed as two of the eight Early Years courses to meet the Early Years concentration requirements for the B.Ed. – Early/Middle Years program. Faculty members and instructors who have taught ECUR 308.3 suggest that students who do not complete ECUR 307.3 before enrolling in ECUR 308.3 lack foundational knowledge around language acquisition and language development as well as pedagogical documentation know-how that is imperative for learning the concepts and achieving the learning outcomes for ECUR 308. As such, the College of Education would like to add ECUR 307.3 as a pre-requisite for ECUR 308.3, effective Fall 2022.

Furthermore, this addition of a pre-requisite for the Early Years literacy courses is consistent with the pre-requisite courses already approved for the Middle Years and Secondary literacy courses. That is, ECUR 309.3: Introduction to Elementary English Language Arts is a pre-requisite for ECUR 310.3: Literacy Across the Elementary Curriculum Assessment and Planning in a Relational Context at the Middle Years level, and ECUR 320.3: Literacy Across the Secondary Curriculum is a pre-requisite for ECUR 325.3: Relational Curriculum Making in the Secondary Context at the Secondary level.

Course Revision:

ECUR 308.3: Reading and Writing Development Prekindergarten to Grade 3

In this course, teacher candidates will be introduced to the early and developing stages of young children's oral and written literacy acquisition, situated in the contexts of family, community, and school. Teacher candidates will develop knowledge, skills, and dispositions that are critical to the playful, thoughtful, and intentional scaffolding of young children's reading and writing development. In this course, teacher candidates will develop a philosophical and pedagogical foundation to inform their planning, teaching, learning, and assessment of the six integrated strands of English Language Arts (reading, writing, speaking, listening, viewing, and representing) in early years' classrooms. Particular emphasis will be placed on approaches and strategies to support the development of young learners' reading and writing conventions. Attention will be given to First Nations, Métis, and Inuit perspectives and ways of knowing, and culturally responsive practices that integrate the out of school experiences of linguistically and culturally diverse children and families into classroom learning.

Weekly hours: 3 Lecture hours

Prerequisite: ECUR 307.3

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