

## **University Course Challenge – April 2021**

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

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### **Archaeology**

#### **New course(s):**

##### **ARCH 259.3 Archaeology of North America**

3 Lecture hours

This course is designed as an introduction to the archaeology of North America. It presents a broad survey of culture areas, with a focus on adaptation, culture change, economy, and technology. It will use the comparative approach to study the past lives of hunter-gatherer, horticulturalist, and agricultural cultures of North America. It covers from Time Immemorial and the First Peopling into the Colonial Period. It contextualizes the role archaeologists have in re-interpreting the past and how Reconciliation affects our work.

Prerequisite(s): ARCH 112.3 or ARCH 116.3

Note: Students with credit for ARCH 298.3 Archaeology of North America may not take this course for credit.

Instructor(s): Terence Clark

Rationale: This is a broad survey course introducing the archaeological regions of North America. It introduces concepts and prepares students for third year course offerings which have a tighter regional focus such as ARCH 350: Introduction to Boreal Forest Archaeology, ARCH 352: Historical Archaeology, ARCH 353: Plains Archaeology, and ARCH 354: Archaeology of Culture Contact. It has been taught as an ARCH 298: Special Topics course twice in the past.

##### **ARCH 359.3 Archaeology of the Northwest Coast and Plateau**

3 Lecture hours

This course is designed as an introduction to the archaeology of the Northwest Coast and Plateau culture areas of North America, which stretches from coastal Alaska to northern California. This will include the pivotal role this region played in the peopling of the New World and the rise of social complexity in hunter-fisher-gatherer societies. It will question the concept of complexity, and how the term has shaped research in the region. It covers from Time Immemorial and the First Peopling into the Colonial Period. It contextualizes the role archaeologists have in re-interpreting the past and how Reconciliation affects our work.

Prerequisite(s): ARCH 250.3 or ARCH 251.3

Note: Students with credit for ARCH 398.3 Archaeology of the North West Coast and Plateau may not take this course for credit.

Instructor(s): Terence Clark

Rationale: This area is a major research focus of our faculty and graduate students. Our faculty have long-standing projects on the Northwest Coast and the department offers field school opportunities in the region. This course prepares our students for fieldwork as well as identifies potential future graduate students.

### **Cellular, Physiological, and Pharmacological Sciences**

#### **New courses:**

##### **Create Special Topics courses with the CPPS subject code**

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

**Course deletion(s):****Delete Special Topics courses in ACB and PHPY (undergrad only)**

All ACB and PHPY courses which are intended for students in the Bachelor of Science (Biomedical Science) programs will be relabeled to the combined CPPS subject code. This relabelling applies also to the slate of Special Topics courses.

**PHPY 401.3 Animal Surgery and Experimentation**

Rationale: This was a laboratory course in which students received hands-on training performing surgical procedures on small lab animals. Due to increased federal restrictions on the use of live animals for teaching and research purposes, we are no longer able to receive bioethics approval from the University Animal Care Committee to offer an undergraduate course of this nature.

**Minor course revisions (effective 202205):**

Relabel each of these courses with the **CPPS** subject code, retaining the existing number. Other minor updates as shown.

**ACB 310 - Basic Human Anatomy**

Note: Students with credit for ACB 310, ACB 221 or ACB 210 cannot take CPPS 310 for credit.

**ACB 325 - Advanced Cell Biology**

Note: Students with credit for ACB 325 or ACB 300 cannot take CPPS 325 for credit.

**ACB 330 - Principles of Development**

New Title: Principles of Developmental Biology (Short title: Developmental Biology)

Note: Students with credit for ACB 330 or ACB 201 cannot take CPPS 330 for credit.

**ACB 331 - Methods in Cell and Developmental Biology**

Note: Students with credit for ACB 331 cannot take CPPS 331 for credit.

**ACB 400 - Imaging and Anatomy**

New title: Clinical and Biomedical Imaging (Biomedical Imaging)

Old prerequisite: PHYS 115.3, PHYS 117.3 (or 125) and ACB 310.3

New prerequisite: PHYS 115.3, PHYS 117.3 (or 125); and one of CPPS 310.3 or ACB 310.3

Note: Students with credit for ACB 400 cannot take CPPS 400 for credit.

**ACB 406 - Comparative Vertebrate Histology**

Note: Students with credit for ACB 406 cannot take CPPS 406 for credit.

**PHPY 302 - Human Physiology Transport Systems**

Note: Students with credit for PHPY 302, PHSI 346 or PHSI 347 cannot take CPPS 302 course for credit.

**PHPY 303 - Human Physiology Reproduction Growth and Energy Homeostasis**

New title: Reproduction Growth and Energy Status (Human Physiology Homeostasis)

Note: Students with credit for PHPY 303 or PHSI 348.3 cannot take CPPS 303 for credit.

**PHPY 308 - Experimental Basis of Physiology and Pharmacology**

Note: Students must complete the University of Saskatchewan Biosafety online course and the UACC Animal Ethics Course: Lab Animals online course prior to the first laboratory section. Registration information for both courses is available at: [safetyresources.usask.ca/services/training/](http://safetyresources.usask.ca/services/training/). Students with credit for PHPY 308 or PHSI 334 cannot take CPPS 308 course for credit.

**PHPY 403 - Physiological Genomics and Pharmacogenetics**

Note: Students with credit for PHPY 403 or PHSI 436.3 cannot take CPPS 403 for credit.

Rationale: The three previous departments – Anatomy and Cell Biology, Pharmacology, and Physiology – amalgamated to become the single department of Anatomy, Physiology and Pharmacology (APP) in

2018. The merged department would like to discontinue use of the old ACB\* and PHPY subject codes and use the unified CPPS code for all of the undergraduate courses intended for students in the Biomedical Sciences programs.

The department will retain ACB 221.3 Gross Anatomy with the ACB subject code, as this is appropriate for this course, which is specifically offered for students in the Kinesiology program. PHPY 490.0 Seminar and Undergraduate Journal Club will be retained until current students have completed the Physiology and Pharmacology program.

### **PHPY 405 - Advances in Cardiovascular Physiology and Pharmacology**

New course label and number: **CPPS 415.3**

Note: Students with credit for PHPY 405 cannot take CPPS 415 for credit.

Rationale: See above.

## **Drama**

### **Minor program revisions:**

#### **Bachelor of Fine Arts in Drama – concentration in Acting**

Add DRAM 309.3 as a required course; remove the requirement to select 3 credit units from DRAM 303, 304, 401, or 402.

### **Bachelor of Fine Arts Honours (B.F.A. Honours) - Acting**

#### **F4 Major Requirement (72 credit units)**

- [DRAM 110.3](#) Technical Theatre I Scenic Construction
- [DRAM 111.3](#) Practicum I Indigenous Performance Methods
- [DRAM 113.3](#) Technical Theatre II Stage Properties
- [DRAM 118.3](#) Acting 1
- [DRAM 119.3](#) Acting II
- [DRAM 203.3](#) History of Theatre from 600 BCE to 1850 CE
- [DRAM 204.3](#) History of Theatre from 1850 to Present
- [DRAM 210.3](#) Technical Theatre III Costume Construction
- [DRAM 213.3](#) Technical Theatre IV Stage Management
- [DRAM 218.3](#) Acting III
- [DRAM 219.3](#) Acting IV Scene Study and Textual Analysis for the Stage
- [DRAM 309.3](#) **Theories of Acting and Directing**
- [DRAM 324.3](#) Acting V
- [DRAM 325.3](#) Acting VI
- [DRAM 362.3](#) Voice and Speech for the Actor I
- [DRAM 363.3](#) Voice and Speech for the Actor II
- [DRAM 366.3](#) Fundamentals of Movement I
- [DRAM 368.3](#) Movement Fundamentals II
- [DRAM 418.3](#) Acting VII
- [DRAM 419.3](#) Acting VIII
- [DRAM 462.3](#) Voice and Speech for the Actor III
- [DRAM 463.3](#) Voice and Speech for the Actor IV
- [DRAM 468.3](#) Expressive Movement I
- [DRAM 469.3](#) Expressive Movement II

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

- ~~[DRAM 303.3](#) Advanced Studies in Theatre History I 600 BCE to 1850 CE~~

- ~~DRAM 304.3~~ Advanced Studies in Theatre History II 1850 to Present
- ~~DRAM 309.3~~ Theories of Acting and Directing
- ~~DRAM 401.3~~ Dramatic Theory and Criticism
- ~~DRAM 402.3~~ Studies in Canadian Theatre

Rationale: Due to upcoming retirements, the Department of Drama is no longer able to offer DRAM 303, 304, 401, or 402.

### **Bachelor of Fine Arts in Drama – concentration in Design**

Add ART 112.6, ARTH 120.3, ARTH 121.3, and DRAM 218.3 as required courses; shift DRAM 321.3 so that it appears on its own line; remove DRAM 401.3 and DRAM 402.3 as required courses; reduce the number of restricted electives credit units in ART from 12 to 9; and adjust the total number of credit units in the Major and Electives requirements to account for these changes.

### **Bachelor of Fine Arts Honours (B.F.A. Honours) - Design**

#### **F4 Major Requirement (66 72 credit units)**

- ART 112.6 Drawing I Foundation
- ARTH 120.3 Art and Visual Culture I
- ARTH 121.3 Art and Visual Culture II
- DRAM 110.3 Technical Theatre I Scenic Construction
- DRAM 111.3 Practicum I Indigenous Performance Methods
- DRAM 113.3 Technical Theatre II Stage Properties
- DRAM 118.3 Acting 1
- DRAM 119.3 Acting II
- DRAM 203.3 History of Theatre from 600 BCE to 1850 CE
- DRAM 204.3 History of Theatre from 1850 to Present
- DRAM 210.3 Technical Theatre III Costume Construction
- DRAM 213.3 Technical Theatre IV Stage Management
- ~~DRAM 218.3~~ Acting III
- DRAM 220.3 Theatre Design I Introduction
- DRAM 221.3 Theatre Design II Introduction
- DRAM 309.3 Theories of Acting and Directing
- DRAM 320.3 Theatre Design III Intermediate and ~~DRAM 321.3~~ Theatre Design IV Intermediate
- ~~DRAM 321.3~~ Theatre Design IV Intermediate
- ~~DRAM 401.3~~ Dramatic Theory and Criticism
- ~~DRAM 402.3~~ Studies in Canadian Theatre
- DRAM 420.3 Theatre Design V Advanced
- DRAM 421.3 Theatre Design VI Advanced

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

- ART 110.3 Art Today Ideas and Practices
- ART 111.6 Painting I Foundation
- ~~ART 112.6~~ Drawing I Foundation
- ART 161.3 Foundation in Photography I
- ART 216.6 Photography II
- ART 220.3 Drawing and Related Work II A
- ART 221.3 Drawing and Related Work II B
- ART 222.3 Painting and Related Work II A

- [ART 223.3](#) Painting and Related Work II B
- [ART 230.3](#) Video Art and Sound I
- [ART 231.3](#) Animation and Digital Space I
- [ART 235.3](#) Digital Imagery
- [ART 236.3](#) Digital and Integrated Practice II A
- [ART 237.3](#) Digital and Integrated Practice II B
- [ART 241.3](#) Sculpture and Related Work II A
- [ART 242.3](#) Sculpture and Related Work II B
- [ART 251.3](#) Intermediate Printmaking
- ~~[ARTH 120.3](#) Art and Visual Culture I~~
- ~~[ARTH 121.3](#) Art and Visual Culture II~~
- [INTS 111.3](#) Design and Society
- [PHIL 271.3](#) Aesthetics and Philosophy of Art

#### F5 Electives Requirement (24 18 credit units)

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Rationale: Through changes in the Drama faculty complement some courses (including DRAM 401 and DRAM 402) will no longer be offered.

ART 112.6 (Drawing I Foundation) and the introductory Art History courses (ARTH 120.3 and 121.3) are proposed to be required as they will help students develop the necessary skills and background for a career in Design in Drama. The list of ART courses has been updated to reflect changes made by the Department of Art and Art History over the last few years.

DRAM 218.3 (Acting III) is proposed to be a required course, as this additional experience in Acting will help students to have a better understanding of how Design work impacts the stage.

The proposed changes also bring the total required credit units in line with the BFA Acting degree.

#### Religion and Culture

##### **Minor program revisions:**

Remove moribund courses from other departments from the Area C list; add four new courses, INTS 112.3 (Introduction to Peace Studies), INTS 310.3 (Peace Theory and Praxis), CTST 200.3 (Introduction to Catholic Studies), and CTST 300.3 (Critical Perspectives on Catholic Studies) to Area C; add one new course, RLST 200.3 (Religions in Canada, also submitted to this course challenge) to Area A; remove RLST 280.3 (Methodologies and Approaches to Study of Religion) as a required course in the Minor and the B.A. 3-year program; fix inconsistency in the Double Honours program is fixed to allow students to have the same option to select from either 100 or 200-level RLST, like the other programs.

#### Bachelor of Arts Honours (B.A. Honours) - Religion and Culture

##### **A4 Major Requirement (54 credit units)**

- [RLST 280.3](#) Methodologies and Approaches to Study of Religions

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

- [RLST — 100-Level, 200-Level](#)

Choose **42 credit units** of RLST courses, with at least 15 credit units of senior courses from each of Area A and Area B.

18 credit units must be taken at the 300-level or above, of which 6 credit units must be at the 400-level.

## Area A: Asian Religions in Cross-Cultural Perspective

- [RLST 200.3 Religions in Canada](#)
- [RLST 211.3](#) Introduction to Hinduism
- [RLST 214.3](#) Introduction to Philosophies of India
- [RLST 215.3](#) Indian Yoga Heritage
- [RLST 217.3](#) Buddhist Religious Tradition
- [RLST 218.3](#) Developments in Buddhist Thought
- RLST 230.3
- RLST 231.3
- [RLST 234.3](#) Chinese Religions
- RLST 235.3
- [RLST 258.3](#) Religion and Culture in Bollywood Film
- [RLST 282.3](#) Religious Perspectives on Death and Dying
- [RLST 283.3](#) Comparative Mysticism
- [RLST 284.3](#) Religions and Non Violence
- [RLST 285.3](#) Religions and Ethnicity
- [RLST 329.3](#) Studies in Bhagavad Gita
- RLST 330.3
- RLST 332.3
- RLST 390.3
- [RLST 412.3](#) Seminar in Religions and Culture
- [RLST 413.3](#) Seminar in Religious Thought
- RLST 423.3

## Area B: Western Religions in Cross-Cultural Perspective

- *No change*

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

## Area C: Interdisciplinary Religion and Culture: Classes offered in other subjects

- [ANTH 230.3](#) Cultural Dynamics
- [ANTH 321.3](#) Myth Ritual and Symbol
- [ANTH 339.3](#) Cultural Change, Globalization and Development
- [ANTH 354.3](#) Ritual Spaces in Ukrainian Culture
- [ARCH 244.3](#) Archaeology and Cultural Development Ancient Israel and Syria Late Bronze Age to Hellenistic Period
- [CLAS 104.3](#) Classical Myths
- [CLAS 240.3](#) Ancient Art and Architecture I Bronze Age to Classical Greece
- [CLAS 242.3](#) Ancient Art and Architecture II Graeco Roman World
- ~~CLAS 252.3~~
- [CTST 200.3](#) Introduction to Catholic Studies
- [CTST 300.3](#) Critical Perspectives on Catholic Studies
- [GEOG 130.3](#) Environment Health and Planning
- ~~HIST 230.3~~
- ~~HIST 231.3~~
- [INTS 112.3](#) Introduction to Peace Studies
- [INTS 310.3](#) Peace Theory and Praxis
- [IS 211.3](#) Introduction to International Studies Development
- [IS 212.3](#) International Studies and Conflict

- [LING 244.3](#) Sociolinguistics
- [LING 402.3](#) Language and Culture
- [PHIL 202.3](#) Philosophy of Religion
- [RLST 233.3](#) Peoples and Cultures of South Asia
- RLST 332.3
- [SOC 321.3](#) Sociology of Religion
- [SOC 413.3](#)

## **Bachelor of Arts Four-year (B.A. Four-year) - Religion and Culture**

### **A4 Major Requirement (36 credit units)**

- [RLST 280.3](#) Methodologies and Approaches to Study of Religions

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

- [RLST — 100-Level, 200-Level](#)

Choose **24 credit units** of RLST courses, with at least 9 credit units of senior courses from each of Area A and Area B.

6 credit units must be taken at the 300-level or above.

3 credit units must be taken at the 400-level.

### **Area A: Asian Religions in Cross-Cultural Perspective**

- [RLST 200.3 Religions in Canada](#)
- [RLST 211.3](#) Introduction to Hinduism
- [RLST 214.3](#) Introduction to Philosophies of India
- [RLST 215.3](#) Indian Yoga Heritage
- [RLST 217.3](#) Buddhist Religious Tradition
- [RLST 218.3](#) Developments in Buddhist Thought
- RLST 230.3
- RLST 231.3
- [RLST 234.3](#) Chinese Religions
- RLST 235.3
- [RLST 258.3](#) Religion and Culture in Bollywood Film
- [RLST 282.3](#) Religious Perspectives on Death and Dying
- [RLST 283.3](#) Comparative Mysticism
- [RLST 284.3](#) Religions and Non Violence
- [RLST 285.3](#) Religions and Ethnicity
- [RLST 329.3](#) Studies in Bhagavad Gita
- RLST 330.3
- RLST 332.3
- RLST 390.3
- [RLST 412.3](#) Seminar in Religions and Culture
- [RLST 413.3](#) Seminar in Religious Thought
- RLST 423.3

## Area B: Western Religions in Cross-Cultural Perspective

- *No change*

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

## Area C: Interdisciplinary Religion and Culture: Classes offered in other subjects

- [ANTH 230.3](#) Cultural Dynamics
- [ANTH 321.3](#) Myth Ritual and Symbol
- [ANTH 339.3](#) Cultural Change, Globalization and Development
- [ANTH 354.3](#) Ritual Spaces in Ukrainian Culture
- [ARCH 244.3](#) Archaeology and Cultural Development Ancient Israel and Syria Late Bronze Age to Hellenistic Period
- [CLAS 104.3](#) Classical Myths
- [CLAS 240.3](#) Ancient Art and Architecture I Bronze Age to Classical Greece
- [CLAS 242.3](#) Ancient Art and Architecture II Graeco Roman World
- ~~CLAS 252.3~~
- ~~CTST 200.3 Introduction to Catholic Studies~~
- ~~CTST 300.3 Critical Perspectives on Catholic Studies~~
- [GEOG 130.3](#) Environment Health and Planning
- ~~HIST 230.3~~
- ~~HIST 231.3~~
- ~~INTS 112.3 Introduction to Peace Studies~~
- ~~INTS 310.3 Peace Theory and Praxis~~
- [IS 211.3](#) Introduction to International Studies Development
- [IS 212.3](#) International Studies and Conflict
- [LING 244.3](#) Sociolinguistics
- [LING 402.3](#) Language and Culture
- [PHIL 202.3](#) Philosophy of Religion
- [RLST 233.3](#) Peoples and Cultures of South Asia
- ~~RLST 332.3~~
- [SOC 321.3](#) Sociology of Religion
- ~~SOC 413.3~~

## Bachelor of Arts Three-year (B.A. Three-year) - Religion and Culture

### A4 Major Requirement (30 credit units)

- ~~[RLST 280.3 Methodologies and Approaches to Study of Religions](#)~~

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

- [RLST — 100-Level, 200-Level](#)

Choose **18 21 credit units** of RLST courses, with at least **6 3** credit units of senior courses from each of Area A and Area B.

6 credit units must be taken at the 300-level or above.

## Area A: Asian Religions in Cross-Cultural Perspective



- [RLST 200.3 Religions in Canada](#)
- [RLST 211.3](#) Introduction to Hinduism
- [RLST 214.3](#) Introduction to Philosophies of India
- [RLST 215.3](#) Indian Yoga Heritage
- [RLST 217.3](#) Buddhist Religious Tradition
- [RLST 218.3](#) Developments in Buddhist Thought
- RLST 230.3
- RLST 231.3
- [RLST 234.3](#) Chinese Religions
- RLST 235.3
- [RLST 258.3](#) Religion and Culture in Bollywood Film
- [RLST 282.3](#) Religious Perspectives on Death and Dying
- [RLST 283.3](#) Comparative Mysticism
- [RLST 284.3](#) Religions and Non Violence
- [RLST 285.3](#) Religions and Ethnicity
- [RLST 329.3](#) Studies in Bhagavad Gita
- RLST 330.3
- RLST 332.3
- RLST 390.3
- [RLST 412.3](#) Seminar in Religions and Culture
- [RLST 413.3](#) Seminar in Religious Thought
- RLST 423.3

#### **Area B: Western Religions in Cross-Cultural Perspective**

- *No change*

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

#### **Area C: Interdisciplinary Religion and Culture: Classes offered in other subjects**

- [ANTH 230.3](#) Cultural Dynamics
- [ANTH 321.3](#) Myth Ritual and Symbol
- [ANTH 339.3](#) Cultural Change, Globalization and Development
- [ANTH 354.3](#) Ritual Spaces in Ukrainian Culture
- [ARCH 244.3](#) Archaeology and Cultural Development Ancient Israel and Syria Late Bronze Age to Hellenistic Period
- [CLAS 104.3](#) Classical Myths
- [CLAS 240.3](#) Ancient Art and Architecture I Bronze Age to Classical Greece
- [CLAS 242.3](#) Ancient Art and Architecture II Graeco Roman World
- ~~CLAS 252.3~~
- [CTST 200.3](#) Introduction to Catholic Studies
- [CTST 300.3](#) Critical Perspectives on Catholic Studies
- [GEOG 130.3](#) Environment Health and Planning
- ~~HIST 230.3~~
- ~~HIST 231.3~~
- [INTS 112.3](#) Introduction to Peace Studies
- [INTS 310.3](#) Peace Theory and Praxis
- [IS 211.3](#) Introduction to International Studies Development
- [IS 212.3](#) International Studies and Conflict
- [LING 244.3](#) Sociolinguistics
- [LING 402.3](#) Language and Culture

- [PHIL 202.3](#) Philosophy of Religion
- [RLST 233.3](#) Peoples and Cultures of South Asia
- RLST 332.3
- [SOC 321.3](#) Sociology of Religion
- [SOC 413.3](#)

### Double Honours - Religion and Culture

#### Area Requirements (36 credit units)

- [RLST 280.3](#) Methodologies and Approaches to Study of Religions

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

- [RLST — 100-Level](#), **200-Level**

Choose **24 credit units** from RLST courses, with at least 9 credit units of senior courses from each of Area A and Area B.

**9 credit units** must be taken at the 300-level or above, of which at least 3 credit units must be at the 400-level.

#### Area A: Asian Religions in Cross-Cultural Perspective

- [RLST 200.3 Religions in Canada](#)
- [RLST 211.3](#) Introduction to Hinduism
- [RLST 214.3](#) Introduction to Philosophies of India
- [RLST 215.3](#) Indian Yoga Heritage
- [RLST 217.3](#) Buddhist Religious Tradition
- [RLST 218.3](#) Developments in Buddhist Thought
- RLST 230.3
- RLST 231.3
- [RLST 234.3](#) Chinese Religions
- RLST 235.3
- [RLST 258.3](#) Religion and Culture in Bollywood Film
- [RLST 282.3](#) Religious Perspectives on Death and Dying
- [RLST 283.3](#) Comparative Mysticism
- [RLST 284.3](#) Religions and Non Violence
- [RLST 285.3](#) Religions and Ethnicity
- [RLST 329.3](#) Studies in Bhagavad Gita
- RLST 330.3
- RLST 332.3
- RLST 390.3
- [RLST 412.3](#) Seminar in Religions and Culture
- [RLST 413.3](#) Seminar in Religious Thought
- RLST 423.3

#### Area B: Western Religions in Cross-Cultural Perspective

- *No change*

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

**Area C: Interdisciplinary Religion and Culture: Classes offered in other subjects**

- [ANTH 230.3](#) Cultural Dynamics
- [ANTH 321.3](#) Myth Ritual and Symbol
- [ANTH 339.3](#) Cultural Change, Globalization and Development
- [ANTH 354.3](#) Ritual Spaces in Ukrainian Culture
- [ARCH 244.3](#) Archaeology and Cultural Development Ancient Israel and Syria Late Bronze Age to Hellenistic Period
- [CLAS 104.3](#) Classical Myths
- [CLAS 240.3](#) Ancient Art and Architecture I Bronze Age to Classical Greece
- [CLAS 242.3](#) Ancient Art and Architecture II Graeco Roman World
- ~~CLAS 252.3~~
- ~~CTST 200.3 Introduction to Catholic Studies~~
- ~~CTST 300.3 Critical Perspectives on Catholic Studies~~
- [GEOG 130.3](#) Environment Health and Planning
- ~~HIST 230.3~~
- ~~HIST 231.3~~
- ~~INTS 112.3 Introduction to Peace Studies~~
- ~~INTS 310.3 Peace Theory and Praxis~~
- [IS 211.3](#) Introduction to International Studies Development
- [IS 212.3](#) International Studies and Conflict
- [LING 244.3](#) Sociolinguistics
- [LING 402.3](#) Language and Culture
- [PHIL 202.3](#) Philosophy of Religion
- [RLST 233.3](#) Peoples and Cultures of South Asia
- RLST 332.3
- [SOC 321.3](#) Sociology of Religion
- ~~SOC 413.3~~

**Religion and Culture - Minor**

Requirements (24 credit units)

- ~~[RLST 280.3 Methodologies and Approaches to Study of Religions](#)~~

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

- [RLST — 100-Level, 200-Level](#)

Choose **42 15 credit units** from RLST courses, with at least 3 credit units of senior courses from each of Area A and Area B.

**3 credit units** must be taken at the 300-level or above

**Area A: Asian Religions in Cross-Cultural Perspective**

- [RLST 200.3 Religions in Canada](#)
- [RLST 211.3](#) Introduction to Hinduism
- [RLST 214.3](#) Introduction to Philosophies of India

- [RLST 215.3](#) Indian Yoga Heritage
- [RLST 217.3](#) Buddhist Religious Tradition
- [RLST 218.3](#) Developments in Buddhist Thought
- RLST 230.3
- RLST 231.3
- [RLST 234.3](#) Chinese Religions
- RLST 235.3
- [RLST 258.3](#) Religion and Culture in Bollywood Film
- [RLST 282.3](#) Religious Perspectives on Death and Dying
- [RLST 283.3](#) Comparative Mysticism
- [RLST 284.3](#) Religions and Non Violence
- [RLST 285.3](#) Religions and Ethnicity
- [RLST 329.3](#) Studies in Bhagavad Gita
- RLST 330.3
- RLST 332.3
- RLST 390.3
- [RLST 412.3](#) Seminar in Religions and Culture
- [RLST 413.3](#) Seminar in Religious Thought
- RLST 423.3

#### **Area B: Western Religions in Cross-Cultural Perspective**

- *No change*

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

#### **Area C: Interdisciplinary Religion and Culture: Classes offered in other subjects**

- [ANTH 230.3](#) Cultural Dynamics
- [ANTH 321.3](#) Myth Ritual and Symbol
- [ANTH 339.3](#) Cultural Change, Globalization and Development
- [ANTH 354.3](#) Ritual Spaces in Ukrainian Culture
- [ARCH 244.3](#) Archaeology and Cultural Development Ancient Israel and Syria Late Bronze Age to Hellenistic Period
- [CLAS 104.3](#) Classical Myths
- [CLAS 240.3](#) Ancient Art and Architecture I Bronze Age to Classical Greece
- [CLAS 242.3](#) Ancient Art and Architecture II Graeco Roman World
- ~~CLAS 252.3~~
- [CTST 200.3](#) Introduction to Catholic Studies
- [CTST 300.3](#) Critical Perspectives on Catholic Studies
- [GEOG 130.3](#) Environment Health and Planning
- ~~HIST 230.3~~
- ~~HIST 231.3~~
- [INTS 112.3](#) Introduction to Peace Studies
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- [LING 244.3](#) Sociolinguistics
- [LING 402.3](#) Language and Culture
- [PHIL 202.3](#) Philosophy of Religion
- [RLST 233.3](#) Peoples and Cultures of South Asia
- RLST 332.3

- [SOC 321.3](#) Sociology of Religion
- [SOC 413.3](#)

Rationale: The proposed changes will update the program to reflect current course offerings and will improve consistency of the requirements across the levels of concentration. RLST 280 is being removed as a required course in the Minor and B.A. 3-year to give students more flexibility in the program and because the department will regularly teach methods as a topic for four year and hours students at the 400 level, while continuing to offer 280 on a bi-annual basis. Majors will be advised of this strategy. A requirement for a methods course is more appropriately placed in the Honours, 4-year and Double Honours programs, which are partly preparatory for graduate work as per Religious Studies norms.

**New course(s):**

**RLST 200.3 Religions in Canada**

3 Lecture hours

This course traces the origins of diverse religious and faith groups in Canada by examining the many ways in which members of these groups developed their collective imaginaries, maintain their inherited beliefs and practices, and reformulate their religious traditions in a distinctly Canadian context. Focusing on history, origin, beliefs, and practices of the world religions and Indigenous traditions that make up the religious landscape of Canada, the course does not espouse a specific understanding of “religion,” or a single theological paradigm. Rather, it engages a variety of academic perspectives to explore intersections of religion and identity in our Canadian context.

Prerequisite(s): 3 credit units RLST or 18 credit units at the university level.

Instructor(s): Fachrizal Halim, Chris Hrynkow, Heidi Epstein, Alisha Pomazon

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

**Statistics**

**New course(s):**

**STAT 447.3 Statistical Machine Learning for Data Science**

3 Lecture hours and 1.5 Lab/Practicum hours

Based on a foundation of mathematical and statistical theory, the course covers a series of statistical methods for supervised learning and unsupervised learning, focusing on applications to real data using statistical software. The topics include: resampling methods such as Cross-Validation and Bootstrap; regression and classification including Linear Regression, Logistic Regression, Linear Discriminant Analysis (LDA), Quadratic Discriminant Analysis (QDA), K-Nearest Neighbors (KNN); model selection and regularization including Best Set Selection, Lasso, Elastic Net; non-linear models including Generalized Additive Models (GAM); tree-based methods including Decision Trees, Bagging, Random Forest; Support Vector Machines (SVM); dimension reduction and clustering including Principle Component Analysis (PCA), K-Means, Hierarchical Clustering; Ensemble Learning including Boosting, Stacking, Multi-Task Prediction; and an introduction to Deep Learning.

Prerequisite(s): STAT 344 or STAT 345 or CMPT 317 or CMPT 318.

Note: Students with credit for STAT 498.3 Machine Learning may not take this course for credit.

Instructor(s): Li Xing

Rationale: This course is being created to address the latest developments in modern statistics. Statistical machine learning is an emerging field that blends traditional statistical methods with parallel developments in the computational sciences. It is a rich field containing a critical toolkit, which shows a great capacity to handle large-scale complex data. Due to its high capability, there is a great demand for recruiting statistical data scientists to work on real complex data; the rapid developments in data collection technologies have led to real-world data being more abundant and complex. It is thus urgent that we provide training to our students in these advanced methods. Also, similar courses are now being offered at other mathematics and statistics departments in top-tier Canadian Universities, including the University of British Columbia, University of Toronto, University of Waterloo, McGill University, Simon Fraser University, etc. In order to stay as one of the top 15 universities, we need to improve our capacity to train future statisticians with these modern skills. As a 400-level course, this course is a natural

extension to our 300 level statistical courses such as STAT 344 and 345 and is a complementary course to our other 400-level statistical courses. This course is different from the machine learning related courses offered by the Department of Computer Science at our university. Our course uses mathematical and statistical theories as a foundation to focus on data applications with R software. We focus on a hypothesis-based approach, which is fundamentally different from the existing Computer Science courses' approach.

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### **Items for Information**

The policy revision listed below was approved through the Arts & Science College Course and Program Challenge and is now submitted to the University Course Challenge for information.

### **Regional and Urban Planning**

#### **Minor course revisions:**

#### **PLAN 392.3 Early History of Geographic and Planning Thought**

New title: History of the Built Environment from Antiquity to Early Modernity

New short title: History of the Built Environment

New course description: A lecture/seminar on the unfolding of built environments from early Antiquity to late Renaissance, and on the origins of urban planning. Relationship between Copper Age technology, and environmental myths, along with the founding of settlements, is reviewed, leading to discussion on archaic notions of the universe and the Ideal City. Origins of geography and planning are further examined in the classical Greco-Roman outlook on the natural and built environments. Subsequent Medieval withdrawal in rigorous thought, particularly as reflected in various Flat Earth notions, is discussed in context of built environments of the Middle Ages. Emergence of rigor in Scholastic thought during the late Medieval period is juxtaposed with the onset of the Little Ice Age and the subsequent urbanization of Europe. The Age of Discovery along with New World explorations, as related to Thomas More's Utopia, is shown related to the founding of New Towns in Europe during the Renaissance.