



Academic Programs Committee of Council

University Course Challenge

Scheduled posting: December 2012

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Prerequisite changes, curriculum revisions

Item for information: **PLSC 314.3 Statistical Methods** is changing level to **PLSC 214.3**.

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Humanities and Fine Arts: Classical, Medieval and Renaissance Studies; English; History; Religion and Culture

Science: Chemistry; Geophysics; Mathematics; Physics; Toxicology

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Civil and Geological Engineering; Electrical and Computer Engineering; Engineering Physics

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Biology, Educational Administration (**corrected December 18**), Law, Public Health, Toxicology; Veterinary Biomedical Sciences

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Program change in Physical Education Route; Combined program with Education.

Veterinary Medicine Page 49

Program change (**corrected December 18**), new courses, course changes

Information Attachment December 2012

College of Education program summary (all programs)

Kinesiology Exercise and Sports Studies elective clusters

CCDE TESL course deletions

Approval:

Date of circulation: December 17, 2012

Date of effective approval if no Challenge received: January 7, 2013

Next scheduled posting:

The next scheduled Challenge document posting will be in January 2013, with a submission deadline of January 31, 2013.

The January challenge is the last date for posting program changes for the 2013-14 Course and Program Catalogue, and the last date for posting any prerequisite or other course changes for Spring and Summer terms (201305 and 201307).

Urgent items can be posted on request.

COLLEGE OF AGRICULTURE AND BIORESOURCES

Prerequisite Changes

ANBI 420.3, Comparative Animal Endocrinology; Prerequisite: (VBMS 324 and 325) or BIOL 317. *Add or permission of the instructor*

BPBE 430.3, Natural Resource Economics; Prerequisite: One of BPBE 330, ECON 275 or ECON 277. *Add or permission of the instructor*

FABS 212.3, Agrifood and Resources Microbiology; Prerequisite: BIOL 120.3 or BIOL 121.3 and CHEM 112.3 or CHEM 114.3 or permission of the instructor. *Change to 3 cu biology and 3 cu chemistry or permission of the instructor.* This change is to accommodate students, particularly transfer students, with credit for biology or chemistry courses at the junior or unspecified level.

FABS 401.3, Dairy Science and Technology; Prerequisite: CHEM 112, BMSC 200 and FABS 210, or permission of the instructor. *Delete CHEM 112.* This change removes redundancy.

PLSC 417.3, Crop Physiology: BIOL 331 changed to one of PLSC 240 (Plant Metabolism) or BIOL 331 (Plant Physiology) and successful completion of 84 credit units. This change is a result of a change in the requirements for the Agronomy major.

PLSC 470.3, Plant Propagation and Nursery Management. Prerequisite: PLSC 220. *Add or BIOL 222 (The Living Plant).* This change is as a result of a change in the requirements for the Agronomy major.

Curriculum Revisions

BSA (Agronomy major)

DELETE Biology 331, Plant Physiology, as a requirement on the Agronomy program and ADD Plant Science 240, Plant Metabolism. There is some overlap in content between BIOL 331 and PLSC 240. PLSC 240 will be adapted to include the physiology required for agronomy students. BIOL 331 includes content over and above what is required for agronomy. The change will also help the Biology Department which has been unable to accommodate everyone in the lab for Biology 331.

BSA (Animal Science major) and Animal Science minor

Delete ANSC 250.3, Introduction to Equine Studies, and ANSC 350.3, Advanced Equine Studies, from the Restricted Elective list and ADD, ANBI 320.3, Equine Science – applies to the Animal Science major and minor programs.

ADD ANBI 420.3, Comparative Animal Endocrinology, to the restricted elective list for the Animal Science major in the BSA degree.

BSA (Applied Plant Ecology major)

ADD Plant Science 494.6, Research Thesis in Plant Sciences, to the list of restricted electives in third and fourth year.

BSA (Environmental Science major)

Reduce Restricted Elective category requirements in third and fourth year from 18 credit units to 12 credit units, and increase the open elective requirement from 6 credit units to 12 credit units. There will be a total of 15 credit units open electives in the program.

BSA (Food and Bioproducts Science major)

ADD FABS 494.6, Research Thesis, to the list of restricted electives.

BSA (Agricultural Biotechnology minor)

ADD PLSC 408.3 (changed to 408 from 308), Global Plant Genetic Resources as an elective in Category B of the Biotechnology minor.

BSc (Agbus)

AGRC 306.3, Agriculture Law. Remove as a restricted elective on the BSc (Agbus) Honours and BSc (Agbus) major programs.

BPBE 434.3, Economic Methods of Project Analysis. Add as a restricted elective on the BSc (Agbus) Honours and BSc (Agbus) major programs.

BSc (Animal Bioscience)

DELETE '3 cu from 100 level, 200 level, 300 level or 400 level English courses' and ADD 'Choose 3 credit units from English 111.3, 112.3, 113.3 or 114.3 to correct an error in the proposal.

DELETE MCIM 209.3 from the Discipline Specific restricted elective list and ADD MCIM 309.3, Medical Virology to correct an error in the proposal.

ADD ANBI 475.3, Field Studies in Arctic Ecosystems and Aboriginal Peoples, as a restricted elective to the BSc (Animal Bioscience) degree.

ADD ANBI 494.6, Research Thesis in Animal Bioscience to the Discipline Specific restricted elective list.

BSc (Renewable Resource Management)

ADD the following to the list of restricted electives in the Ecology category:

ANBI 375.3, Animals and the Environment

ANBI 420.3, Comparative Animal Endocrinology

PLSC 413.3, Advanced Plant Ecology

Minor Revisions For Information

PLSC 314.3 Statistical Methods. Change level to **PLSC 214.3**. This change puts PLSC 214 at the same level as the equivalent STATS 245 course and with courses at other institutions

ANSC 340.3 Monogastric Animal Production I, change course title to *Feeds Technology and Swine Production*

ANSC 440.3 Monogastric Animal Production II, change course title to *Poultry Production and Aquaculture*

AGRN 382.3 Field Diagnostic School, change course title to *Introduction to Field Scouting*

EVSC 421.3 Contaminated Site Management and Remediation. Add note *fourth year students in Environmental Engineering or Toxicology will be given a prerequisite waiver by the college*

PLSC 308.3 Global Plant Genetic Resources. Change level to PLSC 408.3. Changing to a 400-level allows this class to be cross-listed with a post-graduate level class.

BPBE 398.3, Special Topics: International Agribusiness

This is an upper level course in international agribusiness. This is a restricted elective course designed to strengthen the department's offerings in international agriculture and trade.

Prerequisite: Econ 211

COLLEGE OF ARTS AND SCIENCE

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 approval or information.

DIVISION OF HUMANITIES & FINE ARTS

Classical, Medieval & Renaissance Studies

Minor Program Revisions

Classical, Medieval & Renaissance Studies: Bachelor of Arts Honours, Double Honours, Four-year, Minor

- 1) Honours program only: Increase A2 Language Requirement to 12 credit units. Require students to take 6cu from Latin, Greek or Hebrew, and 6 additional credit units from restricted list moved from A6. Change total credit units for A6 Major Requirement to 54 (from 60). Change total credit units for A7 Electives Requirement to 24 (from 21).
- 2) Period Requirements:
 - a. Classical World: Add CLAS 110.3, 111.3; HIST 207.3. Remove CLAS 233.3.
 - b. Late Antiquity and Early Middle Ages: Add ENG 217.3, 284.3. Remove ENG 384.3.
 - c. Later Middle Ages and Renaissance: Add CMRS 333.3, ENG 286.3, 313.3, 316.3, 324.3, 393.3; HIST 313.3. Remove ENG 386.3.

- 3) Areas of Concentration:
 - a. History and Archaeology: Add CMRS 333.3; FREN 251.3; HIST 214.3, 308.6, 313.3, 335.3. Remove ARCH 362.3; CLAS 234.3; HIST 204.3. Add note that GRK 400.3 is a shell course that may be taken more than once for credit.
 - b. Literature, Fine Arts, Language: Add CLAS 225.3; CMRS 333.3; ENG 217.3, 284.3, 286.3; FREN 251.3; MUS 105.3, 250.3, 303.3. Remove ARTH 406.6; CLAS 333.3, 343.3; HEB 201.6.
 - c. Classical Thought and the History of Ideas: Add CTST 200.3. Remove CLAS 233.3 & 234.3.
- 4) Double Honours program only: Add “additional” to second set of language course options, to clarify. Move note which references use of Special Topics courses so that it does not appear to be part of one of the Areas of Concentration.
- 5) Four-year program only: Revise A2 Language Requirement to require 6 credit units of language from restricted list (see below) and 3 credit units from default Languages list.
- 6) Minor program only: Clarify that the 18 credit units required from the Areas of Concentration must be chosen from only one of the Areas.

Bachelor of Arts Honours (B.A. Honours) - Classical, Medieval & Renaissance Studies
A2 Language Requirement (9 12 credit units)

Choose **6 credit units** from one of the following ~~in one of GRK or HEB or LATN:~~

Greek

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

Hebrew

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

Latin

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

Choose **6 additional credit units** from one of the following:

- [100-Level, 200-Level, 300-Level or 400-Level GRK Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level HEB Courses](#)
- [100-Level, 200-Level, 300-Level or 400-Level LATN Courses](#)
- [ENG 301.3, ENG 310.3](#)
- [FREN 122.3, FREN 125.3, FREN 128.3, FREN 212.3, FREN 218.3, FREN 220.3](#)
- [GERM 202.3, GERM 204.3, GERM 214.3, GERM 217.3](#)
- [SPAN 202.3, SPAN 204.3, SPAN 214.3, SPAN 217.3](#)

Choose **3 Credit Units** from the following:

- | | |
|--------------|--------------|
| • CHIN 111.6 | • FREN 122.3 |
| • CHIN 130.6 | • FREN 125.3 |
| • CREE 101.6 | • FREN 128.3 |
| • CREE 120.6 | • FREN 218.3 |
| • ENG 110.6 | • GERM 114.3 |
| • ENG 111.3 | • GERM 117.3 |
| • ENG 112.3 | • GRK 112.3 |
| • ENG 113.3 | • GRK 113.3 |
| • ENG 114.3 | • HEB 111.3 |
| • FREN 103.3 | • LATN 112.3 |
| • FREN 106.3 | • LATN 113.3 |

- ~~LIT-100.6~~
- ~~RUSS-114.3~~
- ~~RUSS-117.3~~
- ~~SNSK-101.6~~
- ~~any senior-level language course provided that the prerequisite is met and not more than 6 credit units in one subject are used for the Humanities or Languages Requirement~~
- ~~SPAN-114.3~~
- ~~SPAN-117.3~~
- ~~UKR-114.3~~
- ~~UKR-117.3~~

A6 Major Requirement (60 ~~54~~ credit units)

Of the total 60 credit units required, at least 6 credit units must be at the 300-level and 12 credit units at the 400-level (includes [CMRS 401.3](#) and [CMRS 402.3](#)).

- [CMRS 401.3](#)
- [CMRS 402.3](#)
- [HIST 494.0](#)

Period Requirements

Choose 6 credit units from each category for a total of 18 credit units

Classical World

- ~~CLAS 110.3~~
- ~~CLAS 111.3~~
- [CLAS 220.3](#)
- [CLAS 225.3](#)
- ~~CLAS 233.3~~
- [CLAS 240.3](#)
- [CLAS 242.3](#)
- [HIST 110.3](#)
- [HIST 200.6](#)
- [HIST 201.6](#)
- ~~HIST 207.3~~
- [PHIL 208.3](#)
- [PHIL 209.3](#)

Late Antiquity and Early Middle Ages

- [CLAS 252.3](#)
- [CLAS 259.3](#)
- ~~ENG 217.3~~
- ~~ENG 284.3~~
- [ENG 301.3](#)
- [ENG 310.3](#)
- ~~ENG 384.3~~
- [HIST 111.3](#)
- [HIST 202.3](#)
- [HIST 215.6](#)
- [HIST 306.3](#)
- [PHIL 210.3](#)
- [PHIL 212.3](#)
- [RLST 315.3](#)
- [RLST 363.3](#)

Later Middle Ages and Renaissance

- ~~CMRS 333.3~~
- [ENG 221.6](#)
- ~~ENG 286.3~~
- [ENG 311.3](#)
- ~~ENG 313.3~~
- ~~ENG 314.3~~
- ~~ENG 316.3~~
- [ENG 318.3](#)
- [ENG 319.3](#)
- [ENG 322.3](#)
- [ENG 323.3](#)
- ~~ENG 324.3~~
- ~~ENG 386.3~~
- ~~ENG 393.3~~
- [HIST 121.3](#)
- [HIST 205.3](#)
- [HIST 213.6](#)
- [HIST 215.6](#)
- [HIST 225.6](#)
- [HIST 309.3](#)
- ~~HIST 313.3~~
- [HIST 330.3](#)
- [HIST 331.3](#)
- [PHIL 211.3](#)

- [PHIL 212.](#)

Areas of Concentration (24 credit units)

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

History and Archaeology

- | | |
|---|--|
| • ARCH 116.3 | • HIST 201.6 |
| • ARCH 243.3 | • HIST 202.3 |
| • ARCH 244.3 | • HIST 204.3 |
| • ARCH 252.3 | • HIST 205.3 |
| • ARCH 257.3 | • HIST 207.3 |
| • ARCH 258.3 | • HIST 213.6 |
| • ARCH 356.3 | • HIST 214.3 |
| • ARCH 362.3 | • HIST 215.6 |
| • ARCH 466.3 | • HIST 225.6 |
| • CLAS 220.3 | • HIST 300.3 |
| • CLAS 225.3 | • HIST 302.3 |
| • CLAS 234.3 | • HIST 306.3 |
| • CLAS 240.3 | • HIST 307.3 |
| • CLAS 242.3 | • HIST 308.6 |
| • CLAS 247.3 | • HIST 309.3 |
| • CLAS 248.3 | • HIST 313.3 |
| • CLAS 252.3 | • HIST 330.3 |
| • CLAS 356.3 | • HIST 331.3 |
| • CLAS 357.3 | • HIST 335.3 |
| • CMRS 333.3 | • HIST 402.3 |
| • CMRS 403.3 | • HIST 403.3 |
| • FREN 251.3 | • HIST 414.3 |
| • GEOG 340.3 | • HIST 421.3 |
| • GRK 400.3 (a shell course that may be taken more than once) | • HIST 424.3 |
| • HIST 200.6 | • LATN 400.3 (a shell course that may be taken more than once) |

Literature, Fine Arts, Language

- | | |
|------------------------------|------------------------------|
| • ARTH 120.3 | • CMRS 333.3 |
| • ARTH 260.3 | • CMRS 403.3 |
| • ARTH 308.3 | • DRAM 203.3 |
| • ARTH 309.3 | • DRAM 303.3 |
| • ARTH 406.6 | • DRAM 401.3 |
| • CLAS 225.3 | • ENG 217.3 |
| • CLAS 227.3 | • ENG 221.6 |
| • CLAS 228.3 | • ENG 277.3 |
| • CLAS 240.3 | • ENG 284.3 |
| • CLAS 242.3 | • ENG 286.3 |
| • CLAS 259.3 | • ENG 290.6 |
| • CLAS 333.3 | • ENG 301.3 |
| • CLAS 343.3 | 1. ENG 310.3 |

2. [ENG 311.3](#)
 3. [ENG 313.3](#)
 4. [ENG 314.3](#)
 5. [ENG 316.3](#)
 6. [ENG 318.3](#)
 7. [ENG 319.3](#)
 8. [ENG 322.3](#)
 9. [ENG 323.3](#)
 10. [ENG 324.3](#)
 11. [ENG 393.3](#)
 12. [ENG 402.3](#)
 13. [ENG 404.3](#)
 14. [ENG 406.3](#)
 15. [ENG 420.3](#)
 16. [FREN 220.3](#)
 17. [FREN 251.3](#)
 18. [FREN 317.3](#)
 19. [GEOG 340.3](#)
 20. [GRK 112.3](#)
 21. [GRK 113.3](#)
 - [GRK 202.3](#)
 - [GRK 203.3](#)
 - [GRK 400.3](#) (a shell course that may be taken more than once)
- [HEB 111.6](#)
 - [HEB 201.6](#)
 - [HIST 207.3](#)
 - [LATN 112.3](#)
 - [LATN 113.3](#)
 - [LATN 202.3](#)
 - [LATN 203.3](#)
 - [LATN 400.3](#) (a shell course that may be taken more than once)
 - [MUS 105.3](#)
 - [MUS 150.3](#)
 - [MUS 250.3](#)
 - [MUS 303.3](#)
 - [MUS 450.3](#)
 - [MUS 464.3](#)
 - [MUS 465.3](#)
 - [RLST 219.3](#)
 - [RLST 253.3](#)
 - [RLST 254.3](#)
 - [RLST 326.3](#)
 - [RLST 365.3](#)

Classical Thought and the History of Ideas

- [CLAS 233.3](#)
 - [CLAS 234.3](#)
 - [CLAS 252.3](#)
 - [CLAS 259.3](#)
 - [CTST 200.3](#)
 - [GRK 400.3](#) (a shell course that may be taken more than once)
 - [HIST 309.3](#)
 - [HIST 330.3](#)
 - [HIST 331.3](#)
 - [HIST 414.3](#)
 - [HIST 421.3](#)
 - [HIST 424.3](#)
 - [LATN 400.3](#) (a shell course that may be taken more than once)
 - [PHIL 208.3](#)
 - [PHIL 209.3](#)
- [PHIL 210.3](#)
 - [PHIL 211.3](#)
 - [PHIL 212.3](#)
 - [PHIL 240.3](#)
 - [PHIL 412.3](#)
 - [PHIL 413.3](#)
 - [POLS 236.3](#)
 - [RLST 253.3](#)
 - [RLST 254.3](#)
 - [RLST 283.3](#)
 - [RLST 303.3](#)
 - [RLST 315.3](#)
 - [RLST 316.3](#)
 - [RLST 359.3](#)
 - [RLST 361.3](#)
 - (1) [RLST 363.3](#)

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

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

History and Archaeology

See list above

Literature, Fine Arts, Language

See list above

Classical Thought and the History of Ideas

See list above

~~Choose 6 credit units from any one of the following:~~

~~Greek~~

~~(1) 200-Level, 300-Level or 400-Level GRK Courses~~

~~Hebrew~~

- ~~• 200-Level, 300-Level or 400-Level HEB Courses~~

~~Latin~~

~~1. 200-Level, 300-Level or 400-Level LATN Courses~~

~~English~~

~~1. ENG 301.3~~

~~2. ENG 310.3~~

~~Single Modern Language~~

~~A single modern language at the intermediate level or higher~~

~~1. ENG 301.3~~

~~2. ENG 310.3~~

~~3. FREN 122.3~~

~~4. FREN 125.3~~

~~5. FREN 128.3~~

~~6. FREN 212.3~~

~~7. FREN 218.3~~

~~8. FREN 220.3~~

~~9. GERM 202.3~~

~~10. GERM 204.3~~

~~11. GERM 214.3~~

~~12. GERM 217.3~~

~~5.~~

~~13. GRK 112.3~~

~~14. GRK 113.3~~

~~15. HEB 111.6~~

~~16. HEB 201.6~~

~~17. LATN 112.3~~

~~18. LATN 113.3~~

~~19. LATN 202.3~~

~~20. LATN 203.3~~

~~1. SPAN 202.3~~

~~2. SPAN 204.3~~

~~3. SPAN 214.3~~

~~4. SPAN 217.3~~

A7 Electives Requirement (21-24 credit units)

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

Program Requirements

1. [CMRS 110.3](#) and [CMRS 111.3](#); or [INTS 101.12](#) (Please note that only 6 credit units of [INTS 101.12](#) will be used towards this requirement. The remaining 6 credit units may be used to meet distribution or electives requirements, as appropriate.)

2. [CMRS 401.3](#)

3. [CMRS 402.3](#)

4. [HIST 494.0](#)

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

1. [100-Level, 200-Level, 300-Level or 400-Level GRK Courses](#)

2. [100-Level, 200-Level, 300-Level or 400-Level HEB Courses](#)

3. [100-Level, 200-Level, 300-Level or 400-Level LATN Courses](#)

Choose **6 additional credit units** from one of the following:

1. [100-Level, 200-Level, 300-Level or 400-Level GRK Courses](#)
2. [100-Level, 200-Level, 300-Level or 400-Level HEB Courses](#)
3. [100-Level, 200-Level, 300-Level or 400-Level LATN Courses](#)
4. [ENG 301.3, ENG 310.3](#)
5. [FREN 122.3, FREN 125.3, FREN 128.3, FREN 212.3, FREN 218.3, FREN 220.3](#)
6. [GERM 202.3, GERM 204.3, GERM 214.3, GERM 217.3](#)
7. [SPAN 202.3, SPAN 204.3, SPAN 214.3, SPAN 217.3](#)

Areas of Concentration (12 credit units)

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

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

History and Archaeology

See list above in Honours program

Literature, Fine Arts, and Language

See list above in Honours program

Classical Thought and History of Ideas

See list above in Honours program

Bachelor of Arts Four-year (B.A. Four-year) - Classical, Medieval and Renaissance Studies
A2 Language Requirement (9 credit units)

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

1. [100-Level, 200-Level, 300-Level or 400-Level GRK Courses](#)
2. [100-Level, 200-Level, 300-Level or 400-Level HEB Courses](#)
3. [100-Level, 200-Level, 300-Level or 400-Level LATN Courses](#)
4. [ENG 301.3, ENG 310.3](#)
5. [FREN 122.3, FREN 125.3, FREN 128.3, FREN 212.3, FREN 218.3, FREN 220.3](#)
6. [GERM 202.3, GERM 204.3, GERM 214.3, GERM 217.3](#)
7. [SPAN 202.3, SPAN 204.3, SPAN 214.3, SPAN 217.3](#)

Choose **6 Credit Units** from the following:

1. ~~100-Level, 200-Level, 300-Level or 400-Level GRK Courses~~
2. ~~100-Level, 200-Level, 300-Level or 400-Level HEB Courses~~
3. ~~100-Level, 200-Level, 300-Level or 400-Level LATN Courses~~
4. ~~ENG 301.3~~
5. ~~ENG 306.3~~
6. ~~ENG 310.3~~

or a single modern language at the intermediate level or higher. (This 6 credit units may be chosen from only one of the language options: see specific listing of courses below.)

1. ~~ENG 301.3, ENG 306.3, ENG 310.3~~
2. ~~FREN 122.3, FREN 125.3, FREN 128.3, FREN 212.3, FREN 218.3, FREN 220.3~~
3. ~~GERM 202.3, GERM 204.3, GERM 214.3, GERM 217.3~~
4. ~~GRK 112.3, GRK 113.3~~
5. ~~HEB 111.6~~
6. ~~LATN 112.3, LATN 113.3~~
7. ~~SPAN 202.3, SPAN 204.3, SPAN 214.3, SPAN 217.3~~

Choose **3 Credit Units** from the following:

1. [CHIN 111.6](#)
2. [CHIN 130.6](#)

- | | |
|--------------------------------|--|
| 3. CREE 101.6 | 15. HEB 111.6 |
| 4. CREE 120.6 | 16. LATN 112.3 |
| 5. FREN 103.3 | 17. LATN 113.3 |
| 6. FREN 106.3 | 18. RUSS 114.3 |
| 7. FREN 122.3 | 19. RUSS 117.3 |
| 8. FREN 125.3 | 20. SNSK 101.6 |
| 9. FREN 128.3 | 1. SPAN 114.3 |
| 10. FREN 218.3 | 2. SPAN 117.3 |
| 11. GERM 114.3 | 3. UKR 114.3 |
| 12. GERM 117.3 | 4. UKR 117.3 |
| 13. GRK 112.3 | 5. any senior-level language course
provided that the prerequisite is met |
| 14. GRK 113.3 | |

Note: At most 6 credit units from one subject may be used in Requirements 1 to 4 to fulfill degree requirements. For example, if [ENG 110.6](#) is used in A1, then [ENG 301.3](#), 306.3, or 310.3 may not be used in A2. However, those senior ENG courses may be used in A6.

A6 Major Requirements (57 credit units)

Of the total 57 credit units required at least 3 credit units must be at the 300-level.

- [CMRS 401.3](#)

Period Requirements

Choose 6 credit units from each category:

Classical World

See list above in Honours program

Late Antiquity and Early Middle Ages

See list above in Honours program

Later Middle Ages and Renaissance

See list above in Honours program

Areas of Concentration (24 credit units)

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

History and Archaeology

See list above in Honours program

Literature, Fine Arts, Language

See list above in Honours program

Classical Thought and the History of Ideas

See list above in Honours program

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

Courses must be selected from the Areas of Concentration:

History and Archaeology

See list above in Honours program

Literature, Fine Arts, Language

See list above in Honours program

Classical Thought and the History of Ideas

See list above in Honours program

Minor in Classical, Medieval & Renaissance Studies

The Minor in Classical, Medieval and Renaissance Studies provides an integrated approach to the study of European culture from Archaic Greece through the Renaissance. The Minor may be completed in conjunction with any Three-year, Four-year or Honours degree in another subject area in the College of Arts & Science.

Program Requirements

- [CMRS 110.3](#) and [CMRS 111.3](#); or [INTS 101.12](#)

Areas of Concentration (18 credit units)

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

History & Archaeology

See list above in Honours program

Literature, Fine Arts & Language

See list above in Honours program

Classical Thought and the History of Ideas

See list above in Honours program

Rationale: CMRS is an interdisciplinary program that draws upon the offerings of a number of departments in A&S and STM. We need to incorporate changes that have occurred in those offerings and to take account of other, previously unnoticed, elements in our programs.

Course Deletion:**CMRS 201.6 Introduction to Themes and Approaches**

Rationale: This course was for some years the entry-level course for CMRS. It has been replaced by CMRS 110.3/111.3 and has not been offered in four years. The 6cu format presented staffing difficulties, while the attempt to employ a 200-level class as the entry-level course for our program was found to be misguided.

Minor Course Revisions:**CMRS 401.3 Introduction to Themes and Approaches**

Prerequisite Change:

Old prerequisite: CMRS 201 or permission of the program director

New prerequisite: CMRS 110 and 111, or INTS 101.12, or permission of the program director

Rationale: CMRS 201.6 was originally the entry-level course for the CMRS program. It has now been replaced in that capacity by CMRS 110.3 and 111.3. The program also allows 6 cu of INTS 101.12 to be applied to the program, in lieu of CMRS 110 and 111.

CMRS 402.3 Directed Research

Prerequisite Change:

Old prerequisite: CMRS 401 and permission of the program director

New prerequisite: Permission of the Program Director

New pre or co-requisite: CMRS 401

Rationale: While it is important for students in CMRS 402 to also take CMRS 401, 401 may be taken prior to or concurrently with 402 with no detrimental effect on student success. This change will reduce the number of overrides needed.

English

Minor Program Revisions

English: Bachelor of Arts Honours, Double Honours, Four-year, Three-year

Add ENG 418.3 and 466.3 to the list of senior Canadian Literature courses in requirement A6 for each program.

BA 4-year major:

A6(b) At least 3 of the 30 credit units must be a Canadian course ([ENG 242.3](#), [ENG 253.6](#), [ENG 335.3](#), [ENG 338.3](#), [ENG 351.3](#), [ENG 358.3](#), [ENG 359.3](#), [ENG 305.3](#), [ENG 382.3](#), **ENG 418.3**, **ENG 466.3**).

BA 3-year major:

A6(b) At least 3 of the 24 senior credit units must be a Canadian course ([ENG 242.3](#), [ENG 253.6](#), [ENG 335.3](#), [ENG 338.3](#), [ENG 351.3](#), [ENG 358.3](#), [ENG 359.3](#), [ENG 305.3](#), [ENG 382.3](#), **ENG 418.3**, **ENG 466.3**).

BA Honours:

A6(c) 6 of the 54 senior credit units must be a Canadian course ([ENG 242.3](#), [ENG 253.6](#), [ENG 335.3](#), [ENG 338.3](#), [ENG 351.3](#), [ENG 358.3](#), [ENG 359.3](#), [ENG 305.3](#), [ENG 382.3](#), **ENG 418.3**, **ENG 466.3**).

BA Double Honours:

Requirement (c) 3 of these 36 credit units must be a Canadian course ([ENG 242.3](#), [ENG 253.6](#), [ENG 335.3](#), [ENG 338.3](#), [ENG 351.3](#), [ENG 358.3](#), [ENG 359.3](#), [ENG 305.3](#), [ENG 382.3](#), **ENG 418.3**, **ENG 466.3**).

Rationale: The revision allows the Canadian Literature requirement in all English Major and Honours programs to be fulfilled with 400-level honours seminars, if available, along with other senior courses. Omission of these two 400-level courses in the lists was an unintended oversight.

History

New Course(s)

HIST 210.3 France's Colonial Legacy The Rise and Fall of a Global Empire

1 or 2 History 210.3 is a sweeping study of the history of French colonialism from the first colonies in the Americas to decolonization in Africa and Southeast Asia. Spanning five centuries, this course provides an opportunity to examine how empire building changed over time, both for the colonizer and the colonized. France built an extensive empire in North America during the 17th and 18th centuries only to see most of it lost to their British imperial rival. And yet, by the mid-19th century France was rebuilding its empire, this time in Africa and Southeast Asia. Between its two overseas empires France left a remarkable legacy that can still be felt today in the 25 countries where French is an official language. The weekly lectures and readings explore a variety of historical themes to help understand the French colonial legacy, such as theories of imperialism, discovery, native-newcomer relations, empire and conquest, religion, slavery, women and gender, commerce and decolonization.

Prerequisite(s): 3 credit units HIST at the 100-level or INTS 101, or 30 credit units university courses

Note: North America or Other Regions.

Instructor: Robert Englebert

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

HIST 282.3 Behind the News

1 or 2 This course will explore the history and historical debates behind contemporary events 'in the news'. Each course analyzes a specific set of linked contemporary events and provides students with lectures and reading to help them make sense of these events from a historical perspective. Through such an exploration each course offering encourages students to understand the various ways contemporary events can and should be understood.

Prerequisite(s): 3 cu. of 100-level HIST or permission of the Department

Note: This is a shell course. Students may take this course more than once for credit as long as the subtitle content is not the same.

Instructor: Faculty in the Department of History

Rationale: This course allows faculty research interests to be explicitly related to a course, which, in turn, responds to student demand through an historical explanation of contemporary events 'in the news'. This is part of an attempt to make the History curriculum more flexible, both in relation to student demand and constantly evolving faculty research interests.

HIST 310.3 The Fur Trade in North America

1 or 2 This course is an introduction to the history of the fur trade in North America prior to the merger of the Hudson's Bay Company and the North West Company in 1821. The lectures, readings and discussions will examine the major events, issues, and themes surrounding the fur trade. Fur trade history intersects with numerous other histories, allowing for a wide assortment of topics including native-newcomer relations, commodities and historical economic conditions, the evolution of gender relations, imperial/colonial societies and conquest, labour, transportation, and changing concepts of modernity.

Prerequisite(s): 3 Credit Units HIST at the 200-Level

Note: North America; Pre-1815

Instructor: Robert Englebert

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

HIST 410.3 France in the Americas 1500 to 1803 In Search of Empire

1 or 2 History 410.3 examines the history of French colonialism in the Americas from the first explorers and settlements to the Louisiana Purchase of 1803. Weekly readings and seminar discussions explore a variety of historical themes designed to critically evaluate the French colonial experience and analyze the character of the French Empire in the Americas. Such themes include native-newcomer relations, empire and conquest, religion, slavery, women and gender, métissage, commerce, and the French in North America after the fall of New France. The French had a profound influence on the Americas, from the Maritimes to the Canadian Northwest, and as far south as New Orleans and the Caribbean. This class puts the Spanish, American, and British North American (Canadian) Empires into context, and sets a

foundation for understanding the English/French divide in contemporary Canada and the rise of the Métis in Western Canada.

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

Note: North America; Pre-1815

Instructor: Robert Englebert

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

Item for information only: Course Split

Course Split: HIST 246.6 Rise and Fall of Imperial Britain into:

HIST 240.3 More than Conquerors The British Peoples and Their World 1450 to 1720

1 or 2 This course is intended as an introduction to the history of Britain and Ireland, the British Empire and the early modern period. Between the mid-fifteenth and late sixteenth centuries, the British kingdoms experienced transformations in culture, faith and politics that turned them into a more centralized and imperial polity; these reformations of state and church also generated economic and political upheaval and religious division. The regime inherited in the early seventeenth century by the first Stuart kings of Britain and Ireland subsequently collapsed in the mid-century troubles, and was replaced by a more "confessional" state after the restoration of the monarchy. This state, itself reformed by a revolution in 1688, subsequently oversaw Britain's remarkable global territorial gains during the following two centuries. The course will attend largely to the major political, religious and economic transformations which were the hallmarks of Britain's experience of early modernity and the first British Empire.

Prerequisite(s): 3 credit units HIST at the 100-level or INTS 101 or 30 credit units of university course credit

Instructor(s): Dr Matthew Neufeld

HIST 241.3 Anglobalization Britain and its Empires 1700 to 2000

1 or 2 The story of how Britain gained the world's biggest ever empire over the course of two and half centuries (Anglobalization) and then lost almost all of it over two generations is a remarkable episode in human history, raising a host of complex and vital questions. What political, religious, military, economic, cultural, and intellectual developments propelled Great Britain's unlikely rise to global supremacy? What caused the fall of the first British Empire, the astonishing rise of its second Imperium, and the rapid break-up of that empire after 1945? And what effect did it all have on "ordinary" people in Britain and its Empire across three centuries? The story of Anglobalization is also important today because Canada uses an "operating system" provided by Britain. To understand how Canada runs politically and even culturally involves grasping the origin of its British-designed operating system.

Prerequisite(s): 3 credit units HIST at the 100-level or INTS 101 or 30 credit units of university course credit

Instructor(s): Dr Matthew Neufeld

Rationale: At a special meeting of the Department of History on April 16, 2012, it was decided that existing 6 cu classes be phased out by 2014. Hist 246.6 is being split now in compliance

with that decision. It is also being split now to foster student interest in British history. There have been suggestions that students are less likely to register for a 6 cu course than a 3 cu course.

Minor Course Revisions

Prerequisite changes to History courses as detailed:

Course #	C U	Title	Old Prerequisite	New Prerequisite	Rationale
200	6	History of Greece	6 credit units HIST at the 100-level or 6 credit units CLAS, or INTS 101.	3 credit units HIST, or CLAS at the 100 level or INTS 101, or 30 credit units of University	3 credit units of 100-level HIST, CLAS or INTS 101, or 30 credit units University courses will provide adequate preparation for students to be successful in this course.
201	6	History of Rome	6 credit units HIST at the 100-level or 6 credit units CLAS, or INTS 101.	3 credit units HIST or CLAS at the 100 level or INTS 101, or 30 credit units of University	
202	3	Formation of Europe 300 to 1000	6 credit units HIST at the 100-level or 6 credit units CLAS, or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	3 credit units of 100-level HIST or INTS 101, or 30 credit units University courses will provide adequate preparation for students to be successful in this course.
205	3	Europe and the World in the High Middle Ages 1000 to-1300	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
207	3	Greek Tragedy and the Culture of Fifth Century Athens	6 credit units 100-level CLAS, ENGL, or HIST or INTS 101	3 credit units HIST, CLAS , ENGL or INTS 101, or 30 credit units of University	3 credit units of 100-level HIST, CLAS, ENGL or INTS 101, or 30 credit units University courses will provide adequate preparation for students to be successful in this course.
213	6	Medieval England to 1509	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	3 credit units of 100-level HIST or INTS 101, or 30 credit units University courses will provide adequate preparation for students to be successful in this course.
214	3	History in Film	6 credit units HIST at the 100-level	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	

215	6	Byzantine Empire 330 to 1453	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	3 credit units of 100-level HIST or INTS 101, or 30 credit units University courses will provide adequate preparation for students to be successful in this course.
216	6	Opportunities and Dangers Womens Lives in PreModern Europe	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
220	6	Russian History from the 9th Century to the Present	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
225	6	Age of Renaissance 1300-1555	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
226	6	Early Modern Europe 1555 to 1789	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
228	6	Europe in the 19th Century 1789 to 1914	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
229	6	Europe in the 20th Century	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
236	3	Italy in the Age of Baroque 1550-1789	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
245	6	African History An Introduction	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of	

				University	
251	3	History of the Civil War in the United States	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
257	3	The Canadian Prairie to 1905	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
258	3	The Canadian Prairies since 1905	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
259	3	Canadian Women from Pre Contact Period to 1918	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
260	3	Canadian Women History from 1919 to Present	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	3 credit units of 100-level HIST or INTS 101, or 30 credit units University courses will provide adequate preparation for students to be successful in this course.
263	6	The Canadian North	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
264	3	Native Newcomer Relations in Canada to 1880	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
265	3	Native Newcomer Relations in Canada 1880 to Present	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	3 credit units of 100-level HIST or INTS 101, or 30 credit units University courses will provide adequate preparation for students to be successful in this

266	3	History Wars Issues in Native Newcomer Relations	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	course.
270	6	A History of the United States	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
271	6	Modern Latin American History	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
281	6	Military History	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
283	3	Society and the Rise of Science from the Renaissance to the Industrial Revolution	6 credit units HIST at the 100-level; or 6 credit units in any natural science or INTS 101	3 credit units HIST at the 100-level or 3 cu or any natural science or INTS 101, or 30 credit units of University	
284	3	Society and the Rise of Science from the Industrial Revolution to the 20th Century	6 credit units HIST at the 100-level; or 6 credit units in any natural science or INTS 101	3 credit units HIST at the 100-level, or 3 cu in any natural science or INTS 101, or 30 credit units of University	3 credit units of 100-level HIST, or 3 cu in any natural science or INTS 101, or 30 credit units University courses will provide adequate preparation for students to be successful in this course.
288	3	Cooperatives in the World	6 credit units HIST and/or social science at the 100-level or INTS 101.	3 credit units HIST or a social science at the 100-level or INTS 101, or 30 credit units of University	
289	6	The Menace of Progress A History of Colonialism and the	6 credit units HIST at the 100-level or INTS 101; or permission of the department	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	3 credit units of 100-level HIST or INTS 101, or 30 credit units University courses will provide adequate preparation for students to be successful in this

		Failures of Development			course.
290	3	Topics in Environmental History	6 credit units HIST at the 100-level or INTS 101; or permission of the department	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
291	6	The World Wars	6 credit units HIST at the 100-level or INTS 101.	3 credit units HIST at the 100-level or INTS 101, or 30 credit units of University	
300	3	Roman Senate from Tiberius to Nero	6 credit units HIST or CLAS at the 200 - level	3 credit units HIST or CLAS at the 200-level	3 credit units of 100-level HIST or INTS 101, or 30 credit units University courses will provide adequate preparation for students to be successful in this course.
302	3	Life and Letters Roman Society and Culture through Epistolary Practice	6 credit units HIST or CLAS at the 200 - level	3 credit units HIST or CLAS at the 200-level	
303	3	Gender and Sexuality in Africa	60 credit units of University or permission of the department	3 credit units HIST at the 200- level	
306	3	Transitions in the Late Antique City	6 credit units HIST or CLAS at the 200 - level or permission of the instructor	3 credit units HIST or CLAS at the 200-level	
307	3	Seminar in Ancient Medieval and Renaissance Biography	6 credit units HIST at the 200 -level or permission of the instructor	3 credit units HIST at 200 level	
308	6	Rome Building and Living in the Ancient City	6 credit units in HIST, CLAS, ARCH, ARTH, or permission of the instructor	3 credit units HIST, CLAS, ARCH, ARTH or 45 credit units at University and permission of the Instructor	3 credit units HIST or CLAS at the 200- level will provide adequate preparation for students to be successful in this course

309	3	Crusades and Aftermath	6 credit units HIST at the 200 -level	3 credit units of HIST at 200 -level	3 credit units HIST at 200 level will provide adequate preparation for students to be successful in this course
313	3	Vengeance and Violence in Medieval England	6 credit units HIST at the 200 -level	3 credit units HIST at the 200 -level	3 credit units HIST, CLAS, ARCH, ARTH or 45 credit units at University will provide adequate preparation for students to be successful in this course
327	3	Russian Revolution and Early Soviet State 1894 to 1924	6 credit units HIST at the 200 -level	3 credit units HIST at the 200 -level	3 credit units HIST at 200 level will provide adequate preparation for students to be successful in this course
330	3	Humanist Thought in Renaissance Italy 1300 to 1527	6 credit units HIST at the 200 -level	3 credit units HIST at the 200 -level	3 credit units HIST at 200 level will provide adequate preparation for students to be successful in this course
331	3	Magic Science and Religion before the Scientific Revolution	6 credit units HIST at the 200 -level or permission of the instructor	3 credit units HIST at the 200 -level	
333	3	Defining Boundaries Natural and Supernatural Worlds in Early Modern Europe	6 credit units HIST at the 200 -level or permission of the instructor	3 credit units HIST at the 200 -level	
334	3	History of Medicine from Bugs to Drugs 1800 to Present	6 credit units HIST at the 200 -level or permission of the instructor	3 credit units HIST at the 200 -level	
335	3	Spectacles of Death in the Roman world	6 credit units HIST at the 200 -level and permission of the department	3 credit units HIST or CLAS at the 200 -level	

337	3	Modern European Intellectual and Cultural History I	6 credit units HIST at the 200 -level	3 credit units HIST at the 200 -level	
338	3	Modern European Intellectual and Cultural History II	6 credit units HIST at the 200 -level	3 credit units HIST at the 200 -level	3 credit units HIST or CLAS at 200 level will provide adequate preparation for students to be successful in this course
340	3	Early Modern Towns in Britain and Europe 1500 to 1750	6 credit units HIST at the 200 -level	3 credit units HIST at the 200 -level	3 credit units HIST at 200 level will provide adequate preparation for students to be successful in this course
344	3	Social and Cultural History of Early Modern Britain	6 credit units HIST at the 200 -level	3 credit units HIST at the 200 -level	
347	3	Feminism and English Society 1790 to 1945	6 credit units HIST at the 200 -level	3 credit units HIST at the 200 -level	
350	3	The War that Shaped a Continent the Seven Years War and the Conquest of Canada	6 credit units in Canadian History at the 200 level (HIST 252, 257, 258, 259, 260, 263, 264, 265)	3 credit units HIST at the 200 -level	3 credit units HIST at 200 level will provide adequate preparation for students to be successful in this course
361	3	Protest Movements in Canada 1921 to 1945	6 credit units in Canadian History at the 200 level (HIST 252, 257, 258, 259, 260, 263, 264, 265)	3 credit units HIST at the 200 -level	
362	3	Doing Canadian History	6 credit units HIST at the 200 -level	3 credit units HIST at the 200 -level	
363	3	Canada in the Age of Affluence Post 1945	6 credit units in Canadian History at the 200 level (HIST 252, 257, 258, 259, 260, 263, 264, 265)	3 credit units HIST at the 200 -level	

364	3	Imagining American and Canadian Wests	6 credit units HIST at the 200 -level or permission of the instructor	3 credit units HIST at the 200 -level	
375	3	USA Foreign Relations 1890s to the Present	6 credit units HIST at the 200 -level	3 credit units HIST at the 200 -level	
379	3	Slavery in the Americas	HIST 270 or 271 or permission of the Department	3 credit units HIST at the 200 -level	
383	3	Scientific Revolution from Newton to Darwin	HIST 283 and 284, or one of HIST 226, 228, 280 and 6 credit units in the natural sciences	3 credit units HIST at the 200 -level	
384	3	Women and Gender in Early Modern Europe	6 credit units HIST at the 200 -level	3 credit units HIST at the 200 -level	
385	3	Selected Topics in Central American History	6 credit units HIST at the 100 -level	3 credit units HIST at the 200 -level	
386	3	Intelligence and Espionage in the 20th Century	6 credit units HIST at the 200 -level or permission of the instructor	3 credit units HIST at the 200 -level	
388	3	Mass Killing and Genocide in the Twentieth Century	6 credit units HIST at the 200 -level or permission of the instructor	3 credit units HIST at the 200 -level	3 credit units HIST at 200 level will provide adequate preparation for students to be successful in this course
390	3	Cold War and Historical Interpretation	HIST 220 or 229 or 270	3 credit units HIST at the 200 -level	
391	3	Healing and Illness in Early Modern Europe	6 credit units HIST at the 200 -level or permission of the instructor	3 credit units HIST at the 200 -level	

392	3	History of Sexuality in North America	6 credit units in HIST at 200-level in Canadian or American history or permission of the instructor	3 credit units HIST at the 200 -level	
395	3	New Directions in Historical Research	6 credit units HIST at the 200 -level. Permission of the Department is Required	3 credit units HIST at the 200 -level. Permission of the Department is Required	
397	3	Approaches to History	6 credit units HIST at the 200 -level	3 credit units HIST at the 200 -level	
402	3	Aspects of Late Antiquity	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department	
403	3	Topics in the History of Early medieval England The Anglo Saxon Renaissance	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department	
414	3	Masculinity in the Middle Ages and Renaissance	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department	
424	3	Catholic Reformation and Counter Reformation in Italy 1540 to 1650	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department	6 credit units of senior level HIST will provide adequate preparation for students to be successful in this course
434	3	Fascism Gender and Sexuality	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department	6 credit units of senior level HIST will provide adequate preparation for students to be successful in this course

442	6	Imperialism and the Victorians	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department
450	6	French Canada Before 1800	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department
459	6	Great Plains History	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department
462	3	Orality Literacy Memory Tradition and History	6 credit units HIST at 200-level	6 credit units of senior level HIST of which 3 credit units must be 300-level
464	6	History of Canadian Popular Culture	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department
466	3	Canada's Great War	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department
471	6	United States in the Nuclear Age	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department
472	3	The United States and the Middle East	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the

				department	
478	3	United States and the Vietnam Wars	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department	6 credit units of senior level HIST will provide adequate preparation for students to be successful in this course
481	3	A History of Pain in Early modern Europe	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department	
482	3	History of Native Newcomer Relations in the United States	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department	
484	3	History of Madness from Enlightenment to Prozac	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department	
486	3	Female Spies in the Modern Age	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department	
488	3	Topics in the History of Development	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department	
490	6	The Cold War	Permission of the Department is Required	6 credit units of senior level HIST of which 3 credit units must be 300-level or permission of the department	

Religion & Culture

Program Revisions

Studies in Religion & Culture: Bachelor of Arts Honours, Double Honours, Four-year, Three-year, Minor

Rationale: There are two problems we are seeking to address from the outset: confusion (lack of program and course clarity) and renovation. Rather than working with a program with 2 areas (“East” and “West”) and a separate area for theoretical/ methodological / cross-cultural / comparative / interdisciplinary RLST courses, the model the Curriculum Review / Undergraduate Committee has agreed upon has only 2 areas of RLST courses: Asian Religions in Cross-Cultural Perspectives and Western Religions in Cross-Cultural Perspectives —with a third area for courses from other disciplines. It is, therefore, assumed that both areas will incorporate classes that would have gone into a third area specifically designed to expose students to something “other” than “East” and/or “West.” This will address a longstanding deficiency in terms of methodological training across the board.

The proposed program change in Religion and Culture allows for students to have greater control over the classes they wish to take while still retaining majors within RLST-designated classes. Additionally, it is hoped that students will no longer find themselves having taken additional (extra) credit units in an area within their major for which they cannot receive credit toward fulfilling the major requirements.

By moving to a 2-area model we are also emphasizing the institutional reality that STM faculty are full partners with College of Arts & Science faculty: courses in Area A are primarily taught by College of Arts & Science faculty; Area B covers courses primarily offered by STM faculty. In terms of program goals for faculty members whose teaching and research expertise relates to Asia, we feel there is an immediate and pressing need to enhance coverage of Asian Studies on campus, and to target students in other programs (i.e., ANTH, International Studies, etc.) who are interested in focusing their programs of study toward Asia. But this cannot be achieved to the detriment of providing a Religion & Culture program to majors (and minors) that fails to encourage (even direct) students to developing a broad and cross-cultural perception of the academic study of religion.

The new Religion and Culture program as proposed has the following important features:

- Streamlined traditions based area distribution
- Flexibility on a specialized focus in Area A (Asian Religions) or Area B (Western Religions).
- Clearly defined area requirements comparable to major religious studies programs in Canada
- Acknowledgement of a strong interdisciplinary interest in religious studies at the University of Saskatchewan

- Alignment of the program and the resources in the College of Arts & Science and STM Religion and Culture Departments.

Revised Catalogue Entry:

The Department of Religion and Culture has three goals that guide and shape its teaching and scholarly work:

- To help students develop skill in interpreting the range of religions and religious experiences within particular cultural, historical, ideological, and current settings in order to promote awareness of how religions shape human experiences, societies, and cultures.
- To encourage students to understand themselves better as global citizens by making available to students opportunities to explore the lived experiences of religions and cultures that are relevant to students' work and life in the social realm.
- To foster students' intellectual and practical skills including writing, critical and creative thinking, and inquiry and analysis.

Outcomes: Realization of these three goals in turn will equip students for pursuing graduate studies in Religion and Culture or Religious Studies at major institutions in Canada, and/or careers in a wide variety of professions: law, social work, civil service, NGO service, counseling, and so forth.

Classes in the Religion and Culture program are divided into three categories as described below:

A: Asian Religions in Cross-Cultural Perspectives: Courses either focus on specific religious traditions such as Hinduism, Buddhism, Confucianism, and Daoism or examine religions and cultures of geographical areas such as South, East, and Southeast Asia. Courses can also be cross-cultural, comparative, and/or thematic investigations of topics such as gender, post-colonialism, globalization, or historical, philosophical, sociological, anthropological, and literary-critical methodologies in the investigation of religions and cultures.

B: Western Religions in Cross-Cultural Perspectives: Courses can focus on the religious traditions of Christianity, Judaism, and Islam and the encounter between religious thought and modernity in the west. Courses can also be cross-cultural, comparative, and/or thematic investigations of topics such as gender, post-colonialism, globalization, or historical, philosophical, sociological, anthropological, and literary-critical methodologies in the investigation of religions and cultures.

C. Interdisciplinary Perspectives in the Study of Religions and Cultures: Courses offered from programs other than Religion and Culture by Departments with stated content investigating the academic study of religions and cultures.

Sections which are unchanged from the current Course and Program Catalogue are not shown.

A1 Basic Humanities Requirement (12 credit units) – 3-year, 4-year and Honours programs

- [RLST 110.6](#); or
- one of [RLST 211.3](#), [RLST 214.3](#), [RLST 215.3](#), [RLST 217.3](#), [RLST 218.3](#), [RLST 230.3](#), [RLST 232.3](#), [RLST 234.3](#), [RLST 280.3](#), [RLST 282.3](#), [RLST 283.3](#), [RLST 284.3](#), [RLST 285.3](#), [RLST 289.3](#); and
- one of [RLST 219.3](#), [RLST 220.3](#), [RLST 221.3](#), [RLST 222.3](#), [RLST 225.3](#), [RLST 227.3](#), [RLST 228.3](#), [RLST 240.3](#), [RLST 241.3](#), [RLST 253.3](#), [RLST 254.3](#).

Choose **6 Credit Units** from the following:
Common Humanities list.

Bachelor of Arts Four-year (B.A. Four-year) - Studies in Religion & Culture

A6 Major Requirement (30 credit units)

- [RLST 280.3](#)

Choose **24 credit units** from Area A and Area B courses, with at least 9cu of senior courses from each of Area A and Area B. 6cu must be taken at the 300-level or above. 3cu must be taken at the 400-level.

Area A: Asian Religions in Cross-Cultural Perspective

- [RLST 211.3](#)
- [RLST 214.3](#)
- [RLST 215.3](#)
- [RLST 217.3](#)
- [RLST 218.3](#)
- [RLST 230.3](#)
- [RLST 232.3](#)
- [RLST 234.3](#)
- [RLST 280.3](#)
- [RLST 282.3](#)
- [RLST 283.3](#)
- [RLST 284.3](#)
- [RLST 285.3](#)
- [RLST 289.3](#)
- [RLST 329.3](#)
- [RLST 332.3](#)
- [RLST 342.3](#)
- [RLST 390.3](#)
- [RLST 412.3](#)
- [RLST 423.3](#)

Area B: Western Religions in Cross-Cultural Perspective

- [RLST 219.3](#)
- [RLST 220.3](#)
- [RLST 221.3](#)
- [RLST 222.3](#)
- [RLST 225.3](#)
- [RLST 227.3](#)
- [RLST 228.3](#)
- [RLST 240.3](#)
- [RLST 241.3](#)
- [RLST 253.3](#)
- [RLST 254.3](#)
- [RLST 303.3](#)
- [RLST 314.3](#)
- [RLST 320.3](#)
- [RLST 321.3](#)
- [RLST 328.3](#)
- [RLST 359.3](#)
- [RLST 361.3](#)
- [RLST 363.3](#)
- [RLST 365.3](#)
- [RLST 375.3](#)
- [RLST 382.3](#)

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

Area C: Interdisciplinary Studies in Religion & Culture: Classes offered in other subjects

- [ANTH 230.3](#)
- [ANTH 232.3](#)
- [ANTH 321.3](#)
- [ANTH 339.3](#)
- [ANTH 354.3](#)
- [ARCH 243.3](#)
- [ARCH 244.3](#)
- [CLAS 104.3](#)
- [CLAS 240.3](#)
- [CLAS 242.3](#)
- [CLAS 252.3](#)
- [GEOG 130.3](#)

- [HIST 230.3](#)
- [HIST 231.3](#)
- [IS 200.6](#)
- [LING 244.3](#)
- [LING 402.3](#)
- [PHIL 202.3](#)
- [PHIL 204.3](#)
- [PHIL 302.3](#)
- [SOC 321.3](#)
- [SOC 413.3](#)

Choose 24 credit units from Areas A, B, and C, such that a minimum of 6 credit units is chosen from each area. A minimum of 9 credit units must be chosen at the 300 level or above.

Within this framework, students must choose at least 6 credit units from the following:

- RLST 211.3
- RLST 214.3
- RLST 217.3
- RLST 218.3
- RLST 231.3
- RLST 234.3
- RLST 329.3

Area A: Religion and Society

Courses in this theme area reflect the interface between religion and society, religio-cultural context of philosophical ideas, intellectual history, national and global social issues, as well as contemporary expressions of the world religions.

- RLST 211.3
- RLST 217.3
- RLST 234.3
- RLST 280.3
- RLST 282.3
- RLST 284.3
- RLST 285.3
- RLST 298.3
- RLST 328.3
- RLST 332.3
- RLST 375.3
- RLST 392.3
- RLST 412.3
- RLST 413.3 (may be used in Area A or B)

Area B: Religion, Literature and Arts

Courses in this theme area examine the interrelations and interactions between religion and religious expressions in religious writings, art, literature, drama, music, film and popular culture.

- RLST 214.3
- RLST 218.3
- RLST 219.3
- RLST 231.3
- RLST 283.3
- RLST 326.3
- RLST 329.3
- RLST 361.3
- RLST 363.3
- RLST 365.3
- RLST 382.3
- RLST 411.3
- RLST 413.3 (may be used in Area A or B)

Area C: Religion and Gender

Courses in this theme area examine issues of gender, sexuality, feminism and the body in religious contexts.

- RLST 220.3
- RLST 303.3
- RLST 321.3
- RLST 359.3
- RLST 382.3

Choose 6 credit units from TWO of Areas A1, B1 and C1:

Area A1: Religion and Society

- ANTH 225.3
- ANTH 230.3

- ANTH 232.3
- ANTH 321.3
- ANTH 354.3
- FREN 252.3
- HIST 285.6
- PHIL 226.3
- PHIL 237.3
- SOC 217.3
- SOC 321.3
- SOC 413.3

Area B1: Religion, Literature and Arts

- ANTH 330.3
- ARTH 252.6
- ARTH 253.3
- ARTH 355.3
- ARTH 350.3
- CLAS 104.3
- CLAS 240.3
- CLAS 242.3
- CLAS 259.3
- ENG 277.3
- ENG 317.3
- ENG 342.6
- FREN 423.3
- LIT 264.3
- NS 270.6

Area C1: Religion and Gender

- CLAS 225.3
- ENG 281.6
- HIST 384.3
- HIST 392.3
- PHIL 224.3
- PHIL 227.3
- SOC 242.3
- WGST 201.3
- WGST 210.3

Bachelor of Arts Three-year (B.A. Three-year) - Studies in Religion & Culture

A6 Major Requirement (24 credit units):

- **RLST 280.3**

Choose **18 credit units** from Area A and Area B courses, with at least 6 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

Area A list.

Area B: Western Religions in Cross-Cultural Perspective

Area B list.

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

Area C: Interdisciplinary Studies in Religion & Culture: Classes offered in other subjects

Area C list.

Choose 18 credit units from Areas A, B and C, such that a minimum of 3 credit units is chosen from each area. A minimum of 6 credit units must be chosen at the 300-level or above.

Within this framework, students must choose at least 6 credit units from the following:

- [RLST 211.3](#)
- [RLST 214.3](#)
- [RLST 217.3](#)
- [RLST 218.3](#)
- [RLST 231.3](#)
- [RLST 234.3](#)
- [RLST 329.3](#)

Area A: Religion and Society

Area B: Religion, Literature and Arts

Area C: Religion and Gender

Choose 6 credit units from TWO of Areas A1, B1 and C1:

Area A1: Religion and Society

Area B1: Religion, Literature and Arts

Area C1: Religion and Gender

Bachelor of Arts Honours (B.A. Honours) - Studies in Religion & Culture

A2 Language Requirement (9 credit units)

Choose **6 Credit Units** from the following:

- [CHIN 111.6](#)
- [GRK 112.3](#) and [GRK 113.3](#)
- [HEB 111.6](#)
- [LATN 112.3](#) and [LATN 113.3](#)
- [SNSK 101.6](#)

Choose 6 Credit Units from the following:

- | | |
|--------------|------------------------|
| • CHIN 111.6 | • GERM 114.3 |
| • CHIN 130.6 | • GERM 117.3 |
| • CREE 101.6 | • GRK 112.3 |
| • CREE 120.6 | • GRK 113.3 |
| • ENG 110.6 | • HEB 111.6 |
| • ENG 111.3 | • LATN 112.3 |
| • ENG 112.3 | • LATN 113.3 |
| • ENG 113.3 | • LIT 100.6 |
| • ENG 114.3 | • RUSS 114.3 |
| • FREN 103.3 | • RUSS 117.3 |
| • FREN 106.3 | • SNSK 101.6 |
| • FREN 122.3 | • SPAN 114.3 |
| • FREN 125.3 | • SPAN 117.3 |
| • FREN 128.3 | • UKR 114.3 |
| • FREN 218.3 | • UKR 117.3 |
- any senior level language course provided that the prerequisite is met and not more than 6 credit units in one subject are used for the Humanities or Languages Requirement.

Choose **3 Credit Units** from the following:

- | | |
|------------------------------|-----------------------------|
| • CHIN 111.6 | • ENG 110.6 |
| • CHIN 130.6 | • ENG 111.3 |
| • CREE 101.6 | • ENG 112.3 |
| • CREE 120.6 | • ENG 113.3 |

- [ENG 114.3](#)
- [FREN 103.3](#)
- [FREN 106.3](#)
- [FREN 122.3](#)
- [FREN 125.3](#)
- [FREN 128.3](#)
- [FREN 218.3](#)
- [GERM 114.3](#)
- [GERM 117.3](#)
- [GRK 112.3](#)
- [GRK 113.3](#)
- [HEB 111.3](#)
- [LATN 112.3](#)
- [LATN 113.3](#)
- [LIT 100.6](#)
- [RUSS 114.3](#)
- [RUSS 117.3](#)
- [SNSK 101.6](#)
- [SPAN 114.3](#)
- [SPAN 117.3](#)
- [UKR 114.3](#)
- [UKR 117.3](#)
- any senior-level language course provided that the prerequisite is met and not more than 6 credit units in one subject are used for the Humanities or Languages Requirement

A6 Major Requirement (54 48 credit units):

- **RLST 280.3**

Choose **42 credit units** from Area A and Area B courses, with at least 15 credit units senior courses from each of Area A and Area B. 18 credit units must be taken at the 300-level or above, of which at least 6 credit units must be at the 400-level.

Area A: Asian Religions in Cross-Cultural Perspective

Area A list.

Area B: Western Religions in Cross-Cultural Perspective

Area B list.

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

Area C: Interdisciplinary Studies in Religion & Culture: Classes offered in other subjects

Area C list.

Choose 42 credit units from Areas A, B and C, such that a minimum of 9 credit units is chosen from each area. A minimum of 9 credit units must be chosen at the 300 level. A minimum of 6 credit units must be chosen at the 400 level.

Within this framework, students must choose at least 6 credit units from the following:

- [RLST 211.3](#)
- [RLST 214.3](#)
- [RLST 217.3](#)
- [RLST 218.3](#)
- [RLST 231.3](#)
- [RLST 234.3](#)
- [RLST 329.3](#)

Area A: Religion and Society

Area B: Religion, Literature and Arts

Area C: Religion and Gender

Choose 6 credit units from TWO of Areas A1, B1 or C1, for a total of 12 credit units:

Area A1: Religion and Society

Area B1: Religion, Literature and Arts

Area C1: Religion and Gender

Double Honours - Studies in Religion & Culture

Requirements

Area Distribution Requirements (36 credit units)

- [RLST 110.6](#)
- [RLST 280.3](#)

~~— 24 credit units in Areas A, B and C, such that a minimum of 6 credit units are taken from each area (see A6 requirements in the Honours Program in Studies in Religion and Culture above) and at least 6 credit units are chosen from RLST 211.3, RLST 214.3, RLST 217.3, RLST 218.3, RLST 231.3, RLST 234.3 and RLST 329.3 (courses in this list may be used to meet area requirements)~~

• ~~6 credit units from any two of the three Areas A1, B1 and C1 (see A6 requirements in the Honours Program in Studies in Religion and Culture above)~~

~~— Double Honours students must take at least 9 credit units at the 300-level or above, including at least 3 credit units at the 400-level. The details of the program should be discussed in advance with the two department heads or their designates.~~

Choose **24 credit units** from Area A and Area B 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

Area A list.

Area B: Western Religions in Cross-Cultural Perspective

Area B list.

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

Area C: Interdisciplinary Studies in Religion & Culture: Classes offered in other subjects

Area C list.

Minor in Studies in Religion & Culture

Requirements (24 credit units)

- [RLST 110.6](#)
- [RLST 280.3](#)

Choose **12 credit units** from Area A and Area B 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

Area A list.

Area B: Western Religions in Cross-Cultural Perspective

Area B list.

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

Area C: Interdisciplinary Studies in Religion & Culture: Classes offered in other subjects

Area C list.

12 credit units in Areas A, B and C, such that a minimum of 3 credit units are at the 300-level or above, and a minimum of 3 credit units are taken from each area.

~~Area A: Religion and Society—Courses in this theme area reflect the interface between religion and society, religio-cultural context of philosophical ideas, intellectual history, national and global social issues, as well as contemporary expressions of the world religions.~~

~~Area B: Religion, Literature and Arts—Courses in this theme area examine the interrelations and interactions between religion and religious expressions in religious writings, art, literature, drama, music, film and popular culture.~~

~~Area C: Religion and Gender—Courses in this theme area examine issues of gender, sexuality, feminism and the body in religious contexts.~~

~~Area A: Religion and Society~~

~~Area B: Religion, Literature and Arts~~

~~Area C: Religion and Gender~~

~~6 credit units from any two of the three areas A1, B1, and C1:~~

~~Area A1: Religion and Society~~

~~Area B1: Religion, Literature and Arts~~

~~Area C1: Religion and Gender~~

DIVISION OF SCIENCE

Chemistry

Minor Course Revisions

CHEM 420.3 Selected Topics in Analytical Chemistry

Change to course hours:

Change from 3 hours of lecture and 4 hours of laboratory (3L-4P) to 3 hours of lecture only (3L).

Change to Note:

Old Note: Students in programs other than Chemistry who have credit for CHEM 221 or its equivalent may seek permission from the department. Students may take this course more than once for credit, provided the topic covered in each offering differs substantially. Students must consult the Department to ensure that the topics covered are different.

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

New course description:

This course covers advanced techniques in chemical analysis. Topics will include analytical methods not covered in CHEM 221.3 or CHEM 322.3, more detailed discussion of fundamental concepts, and the applications of analytical chemistry in various disciplines.

Rationale: The laboratory component of this course has never been offered, so the changes to the course hours and the course description will allow the course to be accurately represented in the Catalogue. The note relating to the waiving of prerequisites for non-chemists taking the course is also removed as there been zero uptake of this policy since its introduction some years ago, and in any case senior students would be advised that they can apply for a prerequisite waiver if suitably qualified.

Geophysics

Minor Program Revision – Correction to information in October 2012 UCC

Bachelor of Science (Honours) in Geophysics

EP 325 remains in Requirement C6 in the Honours program, and no additional science credit requirement is added to Requirement C7. Total credit units in the program remain the same.

B.Sc. Honours degrees in Arts & Science are required to include at least 48 credit units in Requirement C6.

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

C6 Major Requirement (48 credit units)

- [GEOL 224.3](#)
- [GEOL 245.3](#)
- [GEOL 258.3](#)
- [GEOL 282.3](#)
- [GEOL 334.3](#)
- [GEOL 335.3](#)
- [GEOL 481.3](#)
- [GEOL 482.3](#)
- [GEOL 483.3](#)
- [GEOL 485.6](#)
- [EE 202.3](#)
- [EP 228.3](#)
- **EP 325.3**
- [MATH 238.3](#)
- [MATH 276.3](#)

C7 Electives Requirement (33 credit units)

Students following the Geophysics program should seek advice from a geophysics program advisor so that electives can be chosen to satisfy the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS) standards for registration as a Professional Geoscientist.

Required Cognate Courses

Choose **15 Credit Units** from the following:

- [MATH 266.3](#)
- [MATH 338.6](#)
- [PHYS 356.3](#) or [EE 301.3](#)
- [EP 320.3](#)

~~Choose 3 Credit Units from the following:~~

- ~~• 200 Level, 300 Level, 400 Level Science courses~~

Open Electives (18 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 Honours program, of which at least 66 must be at the 200-level or higher.

Mathematics

Minor Course Revisions

MATH 121.3 Mathematical Analysis for Business and Economics

Prerequisite change:

Old Prerequisite: Mathematics B30 and Mathematics C30; or Pre-Calculus 30.

New Prerequisite: Mathematics B30 and Mathematics C30; or Foundations of Mathematics 30 or Pre-Calculus 30 (Pre-Calculus 30 preferred); or MATH 102 or MATH 104.

Rationale: This change is being made to comply with the Edwards School of Business admission requirements regarding the new high-school mathematics curriculum. Their admission requirements are Foundations of Mathematics 30 or Pre-Calculus 30. The proposed revision has been made in consultation with the Edwards School of Business.

Item for information only: Course Split

Course Split: HIST 338.6 Differential Equations II into:

MATH 331.3 Applied Mathematics – Differential Equations I

1 General theory for ordinary differential equations with constant coefficients, series solutions for ordinary differential equations, special functions, Sturm-Liouville problem, physical origin of heat, wave and Laplace equations, separation of variables, introduction to Fourier series.

Prerequisite(s): Math 224.3 or Math 226.3 or Math 238.3 (or approval of instructor/department)

Instructor(s): W. Abou Salem, J. Brooke, G. Patrick, A. Shevyakov, A. Sowa, J. Szmigielski

MATH 339.3 Applied Mathematics – Differential Equations II

2 Laplace transform, function spaces, Fourier series, Fourier transform, introduction to distributions and generalized functions, Green's function, application to linear partial differential equations.

Prerequisite(s): MATH 331.3 or approval of the instructor

Instructor(s): W. Abou Salem, J. Brooke, G. Patrick, A. Shevyakov, A. Sowa, J. Szmigielski

Rationale: The split is designed to meet the needs of students majoring in Mathematics, Physics and Engineering Physics, and Geophysics. First, it will give Mathematics students flexibility in choosing their courses after the second year. Second, the first new course will cover in term 1 topics that Physics and Geophysics students need in the following terms, such as series solutions for differential equations, Sturm-Liouville problem, special functions, and the method of separation of variables. The second new course will cover further techniques for solving linear partial differential equations, such as Fourier transform and Green's function. Third, Engineering Physics students will be only taking the first new course rather than the two semester course.

Physics

Minor Course Revisions

PHYS 223.3 Mechanics I

Prerequisite change:

Old Prerequisite: PHYS 115 (formerly 111 or 121); MATH 223 or 225 or 276.

Old Prerequisite(s) or Co-requisite(s): MATH 224 or 226 or 238.

New Prerequisite: PHYS 115 (formerly 111 or 121) **or GE 124**; MATH 223 or 225 or 276.

New Prerequisite(s) or Co-requisite(s): MATH 224 or 226 or 238.

Rationale: The course is required in the new Engineering Physics program. Therefore GE 124, which will provide adequate preparation, is added to allow EP students to register for the course.

Toxicology

Minor Program Revision

Bachelor of Science (Four-year, Honours) in Toxicology

Add TOX 400.3 to Major Requirement C6 and reduce Electives Requirement C7 by 3 credit units. Add the option of 200-level TOX courses to the list of restricted electives in the major.

Bachelor of Science Four-year/Honours - Toxicology

C6 Major Requirement (~~51~~ 54 credit units)

- [BMSC 220.3](#)
- [BMSC 200.3](#) (formerly [BIOC 200.3](#))
- [BIOL 226.3](#) (formerly BIOL 211)
- [BIOL 228.3](#) (formerly BIOL 253) or [PLSC 213.3](#)
- [BIOL 224.3](#)/[BMSC 224.3](#); and [BIOL 317.3](#) or [PHPY 301.3](#)
- [TOX 300.3](#) (formerly VBMS 300)
- [TOX 301.3](#)
- **TOX 400.3**
- [TOX 490.0](#)
- [BMSC 240.3](#) or [BIOL 222.3](#) or [BIOL 373.3](#)
- [CHEM 250.3](#)
- [CHEM 375.3](#)

Choose **18 Credit Units** from the following:

[TOX 480.3](#) and [TOX 481.6](#) are only open to Honours students in the fourth year of their program, unless special permission has been received from the Toxicology Academic Advisor.

- [200-Level, 300-Level or 400-Level TOX Courses](#)
- [BIOL 475.3](#)
- [GEOG 386.3](#)
- [EVSC 420.3](#) (formerly SLSC 420)
- [EVSC 421.3](#)

C7 Electives Requirement (27 24 credit units)

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

Rationale: Upon graduation, our students will be asked to interpret study results to evaluate if there is an adverse impact on an organism or ecosystem, a process that can be termed computational toxicology. Currently students in the Toxicology receive no formal training in computational toxicology. At a recent Toxicology retreat, this gap in our student training was identified and the course design included here is our consensus view of how to meet this gap. A 200-level TOX course is in development, and will be proposed in T2. Therefore the possibility of using such a course needs to be added to the program requirements.

New course(s):

TOX 400.3 Quantitative Toxicology

1 This course provides students with the knowledge and tools required to design, evaluate and interpret toxicological studies. Students will learn how to identify putative causes of adverse effects, design experiments to evaluate these causes and how to estimate, and communicate about, how toxicant concentrations are linked to adverse effects. The course will include test designs at the organism, population and ecological levels of organization by using examples drawn from human and ecological toxicological disciplines. At the conclusion of this course, students will have gained an understanding of how human and ecological toxicity tests are designed, interpreted and communicated.

Prerequisite(s): TOX 300, TOX 301; and one of STAT 245, STAT 246 or PLSC 314

Instructor(s): Steven Siciliano

Rationale: Upon graduation, our students will be asked to interpret study results to evaluate if there is an adverse impact on an organism or ecosystem, a process that can be termed computational toxicology. Currently students in the Toxicology receive no formal training in computational toxicology. At a recent Toxicology retreat, this gap in our student training was identified and the course design included here is our consensus view of how to meet this gap.

DIVISION OF SOCIAL SCIENCES

Native Studies

Minor Course Revisions:

NS 366.6 Indigenous Peoples and Nation States

Change to Note:

Old Note: NS 263 recommended. Students with credit for NS 305 may not take NS 366 for credit.

New Note: Students with credit for NS 305 may not take NS 366 for credit.

Rationale: NS 263 is no longer offered, and not necessary for students to be prepared for this course.

Course Deletion(s):

NS 105.3 Local Aboriginal Peoples

NS 106.3 Aboriginal Canada

Rationale: NS 105 and 106 were replaced by NS 107.3, and are no longer offered. All programs which used the old courses have been revised to use the new course.

COLLEGE OF ENGINEERING

The following items were approved by the Academic Standards and Programs Committee on November 30, 2012:

Civil and Geological Engineering

Prerequisite change:

CE 467 Transportation and Regional Development

The Department of Civil and Geological Engineering recommends that the CE329 (Transportation Engineering) prerequisite be changed to a pre- or co-requisite.

RATIONALE: This change will allow third year CE students to access CE 467 in their Engineering/Science elective slot in Term 2. At present, there are very few available options for accessing upper year CE courses that do not have prerequisite or timetable barriers. CE 467, while broadly based on the economic impact of transportation technology and policy (see calendar description below), does not rely extensively on specific technical information presented in CE 329; therefore, taking CE 329 as a co-requisite would be appropriate and should not affect a student's chance of success in CE 467.

New courses

CE 421 Engineering Project Management

Prerequisite: CE420 Project Engineering

Calendar description: This course builds on the foundation established in CE420 Project Engineering. It covers such elements of project management as project scope, time, cost, quality, and risk as applied in an engineering context using case studies from various sectors of industry. A key focus is on the important concept of time management. Elementary applications of advanced project control tools such as earned value and the basic concepts of quality are introduced so as to provide an overview of the complexities of managing large projects. International standards relating to project management are introduced by describing the minimum project management standards expected by the industry today. Throughout, the focus of the course is on the application of project management concepts to engineering situations involving large industrial infrastructure projects. Students will experience some of challenges of managing these types of projects with multidisciplinary teams.

RATIONALE: This course will be taught for the second time as a special topics course in Term 2 of this year. In order to offer it again, it must be converted to a regular course. The Department of Civil and Geological Engineering recommends that the special topics course CE 498 (Engineering Project Management) be converted to a regular course, starting in Term 2 of the 2013-14 academic year. For the foreseeable future, the course will be taught by a sessional lecturer using funds donated to the Department that have been designated for this purpose. In the longer term, this course may become part of a possible option in Project Management. The demand for the course seems to be strong, with approximately 40 students taking the course last year and 25 currently enrolled for Term 2 of this year. The course may be used to satisfy the requirement for a Group F technical elective in the 4th year of the Civil Engineering program, and a Group C technical elective in the 4th year of the Geological Engineering program.

GEOE 380 Mine Ventilation

Prerequisite: CE225 or ME215 (or equivalent)

Calendar description: An underground mine ventilation design course in which the theory of mine ventilation and air conditioning are presented and applied to various mine designs. Topics covered include: Saskatchewan regulations and engineering design criteria, measuring and modeling air flow in ventilation networks, calculation of head losses, ventilation system design, natural ventilation, selection of mine ventilation fans, occupational health hazards of mine gases and dusts, air heating and cooling, and aspects of the economics of mine ventilation.

RATIONALE: This course will be taught for the second time as a special topics course in Term 2 of this year. In order to offer it again, it must be converted to a regular course. The Department of Civil and Geological Engineering recommends that the special topics course GeoE 498 (Mine Ventilation) be converted to a regular course, starting in Term 2 of the 2013-14 academic year. In the near future, the course will be taught by a sessional lecturer with funding provided through the mining institute initiative. In the longer term, this course is intended become part of a Mining option in the GeoE program. The demand for this course has been very strong, with the enrolment limit of 30 being filled both this year and last. The course may be used to satisfy the requirement for a Group C technical elective in the 4th year of the Geological Engineering program.

Electrical And Computer Engineering

Prerequisite Change for EE402

To make the following prerequisite change for EE402 Microwave and RF Circuits

From Prerequisite EE301

To Prerequisite: EE301 or PHYS356

RATIONALE: The change will allow EP students to take EE402. PHYS356 (Intermediate Electromagnetism) is almost equivalent to EE301 except that it does not include transmission lines. In discussions with EP representative Adam Bourassa (who requested this change) and the instructor Dave Klymyshyn, it was felt that the review of transmission lines in EE402 and some extra reading would be enough for EP students to overcome their lack of exposure to the topic.

Allow EP Students to Take CME 331, CME 341, EE 402

To allow EP students to take CME 331 (Microprocessor Based Embedded Systems), CME341 (Logic Design Using FPGAs), EE402 (Microwave and RF Circuits)

RATIONALE: EP representative Adam Bourassa wants to include these courses as electives in the EP program. There likely would be only a few students each year who elect to take these courses, and these can be readily accommodated.

Engineering Physics

Additions to Engineering Science or Engineering Design Elective

Add the following Electrical Engineering, Computer Engineering, and Mechanical Engineering courses to the “Engineering Science or Engineering Design” elective list for the EP program:

- i) EE 402: Microwave and RF circuits
- ii) CME 331: Microprocessor Based Embedded Systems
- iii) CME 341: Logic Design Using FPGA’s

Modify EP 228 prerequisite and co-requisite

Modify the prerequisite and co-requisite requirements for EP 228 Computer Tools for Engineering Physics

From Prerequisite(s): CMPT 116 and (GE 111 or GE 120).

Prerequisite(s) or Corequisite(s): MATH 224 or MATH 226 or MATH 238.

To Prerequisite(s): CMPT 116.

Prerequisite(s) or Corequisite(s): (EP 214 or MATH 266) and (MATH 224 or MATH 226 or MATH 238).

Remove GE 120 as this course is no longer offered by the College of Engineering

Add EP 214 or MATH 266 as a pre/co-requisite to provide background in linear analysis.

Remove GE 111 as all necessary material from this course is covered in EP 214 or MATH 266.

COLLEGE OF GRADUATE STUDIES AND RESEARCH

Biology

New course

BIOL 862.3 – Reproductive Biology of Seed Plants

Prerequisites/Restrictions:

Prerequisite: BIOL 323.3 and/or BIOL 326.3 or equivalent, or instructor’s authorization.

Calendar Description:

A survey of floral diversity, pollination mechanisms, breeding systems, and reproductive strategies of seed plants with an emphasis on angiosperms. One important component is the examination of floral biology for reproductive success. With increasing emphasis on crop/seed yields, germination, and seedling establishment/recruitment, this course is important for students in the area of Plant Biology, Ecology, and Plant Sciences dealing with these topics.

Rationale:

To date, U of S undergraduate and graduate students have few options to select advanced courses in the area of botany, particularly in plant reproductive systems. Thus, the need of an advanced course in plant reproductive biology is acute within the Department of Biology, in part due to the growing number of graduate students conducting plant-related research projects. Graduate students from other departments, e.g., Plant Sciences, Crop Sciences, Plant Ecology, and Geology (Paleobotany) will also benefit from this course.

Contact: hugo.cota@usask.ca

Approval: Graduate Academic Affairs Committee, November 15, 2012

Educational Administration

New Course

ERES 820.3 – Action Research in Education

Prerequisites/Restrictions:

None

Calendar Description:

The purpose of this course is to apply, in schools, the theory and knowledge of effective professional development through instructional leadership practice. Participants will engage in instructional, transformational, and distributed leadership theory, and apply this knowledge through meaningful contextual action research in their school settings.

Rationale:

This course meets both a theoretical demand in the college for students to understand and apply research methods. It also meets a practical demand, providing practitioners with this theory, knowledge, and skills to respond to the provincial continuous improvement framework policy in schools. This course was piloted as a special topics course and was filled.

Contact: Sheila.carr-stewart@usask.ca

Approval: Graduate Academic Affairs Committee, December 13, 2012

Program Revision

Master of Education – Educational Administration specialization – Change to Required Courses

Rationale:

The Department of Educational Administration offers a Master in Education thesis-based and a Master of Education course-based in which the majority of students in the latter option are part-time. Students enrolled in the EADM Master program work predominantly in the Provincial and First Nations school systems within Saskatchewan and have been chosen by their school divisions or aspire to be school leaders. The focus of the department is educational leadership and research associated with effective schools; educational governance, policy, law, finance, and administration; leading community development; and comparative education. As reported in the recent Graduate Program Review, the Department is highly recognized by our educational partners – Ministry, School Divisions, and schools for the high caliber of courses/programs which EDADM offers for aspiring, neophyte, and leaders in the educational field.

Currently, *ERES 800.3 Research Methods Introductory* provides students with an introductory knowledge of both qualitative and quantitative research. Given the diversity of our students, the focus of the College of Education and the University of Saskatchewan on Aboriginal students and Aboriginal Research, we developed *ERES 810.3 Indigenous Methodologies* which has attracted an enrolment of both Aboriginal and non-Aboriginal students over the past few years.

The Ministry of Education and school divisions in Saskatchewan (similar to others across Canada) as well as educational researchers are focused on improved student achievement through data-driven leadership. *EADM 820 Action Research* enables Master of Education students to deepen their understanding of and engagement in research using the cycle of

inquiry/action research framework and to be able to utilize this method of research to improve their specific areas of focus ie. math, language arts, and social studies.

Masters Education – Educational Administration specialization

Current Required Courses	Proposed Required Courses
GSR 960	GSR 960
GSR 961 if research involves human subjects	GSR 961 if research involves human subjects
GSR 962 if research involves animal subjects	GSR 962 if research involves animal subjects
EADM 811.3	EADM 811.3
Master of Education Thesis: ERES 800.3	Master of Education Thesis: ERES 800.3
Master of Education Course-based: ERES 800.3	Master of Education Thesis Course-based: ERES 800.3 or ERES 810.3 or ERES 820.3 as approved by the Department of Educational Administration
EADM 990	EADM 990
Thesis: EADM 994 (thesis) and 21 credit units	Thesis: EADM 994 (thesis) and 21 credit units
Course-based masters (non-thesis) 30 credit units including EADM 991.3	Course-based masters (non-thesis) 30 credit units including EADM 991.3
A minimum residency requirement of 12 months consecutive registration	A minimum residency requirement of 12 months consecutive registration

Contact person: Sheila.carr-stewart@usask.ca

Approval: Graduate Programs Committee, November 6, 2012

Law

Course Change

LAW 802.3

Course title, catalogue description changes

From: LAW 802.3 – Native Rights II

To: LAW 802.3 – Advanced Studies in Aboriginal Rights II

Current Catalogue Description:

Covers specific topics in areas relating to the legal status and rights of native people not covered in LAW 801. Assessment will be based primarily upon written assignments submitted by the student, approximately 2-4 tutorial papers.

Proposed Catalogue Description:

Covers specific topics in areas relating to the legal status and rights of Aboriginal peoples not covered in LAW 801.

New Courses

LAW 806.3 – Advanced Studies in Law and Culture

Prerequisites/Restrictions:

Prerequisite: None

Restriction: A student may not receive credit for this course and the corresponding undergraduate level course.

Calendar Description:

This interdisciplinary seminar explores legal culture within the larger cultural contexts that it shapes and is shaped by. Students will study, at an advanced level, the ways in which law and cultures intersect in history, theory and practice.

Rationale:

This seminar will be offered for a second time as a Special topics graduate course in 2012-13. It provides an opportunity for LL.M. students to explore intersections between law and culture that are relevant to a range of legal issues and areas of research. It will be offered in conjunction with an undergraduate seminar but will allow graduate students to carry out advanced work and receive credit in a graduate-level course in this field which is not otherwise available.

Contact: Findlay@edwards.usask.ca

Approval: Graduate Academic Affairs Committee, December 13, 2012

LAW 858.3 – Advanced Studies in Health Law

Prerequisites/Restrictions:

Prerequisite: None (LAW 314.3 or equivalent is recommended but not required).

Restriction: A student may not receive credit for this course and the corresponding undergraduate level course.

Calendar Description:

Students will develop and apply advanced knowledge of health law to specific topics in the areas of health care and medical research.

Rationale:

This seminar will be offered for a second time as a Special topics graduate course in 2012-13. It provides an opportunity for LL.M. students with interests related to health law and policy to engage in advanced study and research in that field. It will be offered in conjunction with the undergraduate seminar in health law but will allow graduate students to carry out advanced work and receive credit in a graduate-level course in this field which is not otherwise available.

Contact: barbara.vontigerstrom@usask.ca

Approval: Graduate Academic Affairs Committee, December 13, 2012

LAW 865.3 – Advanced Seminar on Law, Development and the International System

Prerequisites/Restrictions:

Prerequisite: None (LAW 457.3 or equivalent is recommended but not required).

Restriction: A student may not receive credit for this course and the corresponding undergraduate level course (LAW 465.3 – Law, Development and the International System).

Calendar Description:

This seminar explores the interaction between law and socio-economic development (with some emphasis on international law). It will allow students to engage with the theoretical underpinnings of the law and development discourse as well as practical aspects of the development enterprise, at an advanced level.

Rationale:

This seminar will be offered for a second time as a Special Topics graduate course in 2012-13. It provides an opportunity for LL.M. students with interests in international development and related areas to engage in advanced study and research in that field. It will be offered in conjunction with an undergraduate seminar but will allow graduate students to carry out advanced work and receive credit in graduate-level course in this field which is not otherwise available.

Contact: Ibironke.odumosu@usask.ca

Approval: Graduate Academic Affairs Committee, November 15, 2012

LAW 895.3 – Individual Directed Research

Prerequisites/Restrictions:

NOTE: Students must approach individual professors with a research proposal. All proposals must be approved by the Graduate Chair.

Calendar Description:

Students will undertake a substantial research project in an area relevant to their interests and thesis topic. Meeting times will be scheduled to suit the instructors and students concerned.

Rationale:

This course will be the equivalent of an individual directed research course that has existed for many years in our J.D. program. It will allow graduate students to undertake supervised research in areas that are relevant to, but will not directly form part of, their thesis research. Our graduate students have a wide range of backgrounds and research interests that requires flexible options beyond what we can feasibly include in our regular course offerings. Presently, this need is filled by Special Topics courses but this creates the need to have new courses approved almost every semester which is unduly cumbersome. A permanent course code will allow this option to be offered to students on a stable basis. The same restrictions will apply to this graduate course as we have used for the J.D. version, i.e. that the proposal not duplicate the content of an existing course that the student has taken or could take instead, and that regular meeting times and expectations be established and agreed to by the student and supervising professor. In addition, the graduate course will have the additional restriction that the research paper(s) produced as part of this course will not later form part of the student's thesis, although the research may well inform or contribute to the student's research for the thesis. The research and paper(s) undertaken in this course will be distinct from the thesis and assessed separately on that basis.

Contact: barbara.vontigerstrom@usask.ca

Approval: Graduate Academic Affairs Committee, November 15, 2012

Public Health

New Course

PUBH 811 – Biostatistics for Public Health II

Prerequisites/Restrictions:

Prerequisite: PUBH 805.3, CHEP 805.3, STAT 845.3 or another graduate course in statistics and permission of the instructor.

Calendar Description:

This course is a continuation of PUBH 805.3 and includes several multivariate biostatistical methods and principles that are commonly used in public health research. The course topics include logistical regression, analysis of variance and covariance, experimental design and inference for Epidemiology, observational data analysis, categorical data analysis, person-time data analysis, and reliability. The course also introduces SAS programming as it applies to the course topics.

Rationale:

This course is designed to be a continuation of PUBG 805.3 – Biostatistics for Public health. The course focuses on several statistical methods (beyond those taught in PUBH 805.3) that are commonly used in epidemiology and are demonstrated using specific Public Health examples.

Since the statistical software SAS is commonly used in Public Health practice, the course also introduces students to using SAS.

Contact: michael.szafron@usask.ca

Approval: Graduate Academic Affairs Committee, December 10, 2012

Toxicology

Minor Program Revision

Post-Graduate Diploma; Master of Science; Doctor of Philosophy; and Transfer from Master's to Ph.D. - Change to Restricted Electives (for all programs)

Rationale:

The proposed changes to the graduate program reflect Toxicology's current offering of graduate courses. The new courses reflect the breadth of the discipline at the U of S, which has increased because of recent hires in the affiliated Toxicology group.

Toxicology Restricted Electives (All Programs)

Current Restricted Electives	Proposed Restricted Electives
VBMS 836.5	TOX 810.3
VBMS 837.5	TOX 820.3
ANSC 825.3	TOX 821.3
APMC 825.3	TOX 840.3
PHAR 854.3	TOX 842.3
PHAR 856.3	TOX 843.3
VBMS 833.3	TOX 844.3
VTPA 841.3	TOX 850.3
TOX 810.3	TOX 860.3
TOX 860.3	PHAR 848.3
	PHAR 854.3
	PHAR 856.3
	VBMS 833.3
	VBMS 840.3
	BIOE 850.3
	GEOL 851.3
	ACB 821.3
	ANSC 825.3
	APMC 825.3
	MCIM 820.3
	VTPA 841.3
	KIN 808.3
	PLSC 813.3
	BIOL 880.3

Upon approval of the advisory committee, students may satisfy restricted elective requirements by registering in one or more TOX, ENVS, PHAR, BIOL, GEOL, or SENS 898/899.

Contact person: sds136@campus.usask.ca

Approval: Graduate Programs Committee, June 12, 2012

Veterinary Biomedical Sciences

New Course**VBMS 855.3 – Integrative Cardiovascular Physiology and Toxicology****Prerequisites/Restrictions:**

Prerequisite: Suggested (not required) prerequisite VBMS 840

Calendar description:

The objectives of this course are: to 1) Examine ventricular/arterial coupling and integration with pulmonary, renal, endocrine and neural systems for blood pressure control 2) Examine how homeostasis is altered by disease or toxic agents.

Rationale:

There is currently no graduate course that focused on how cardiovascular homeostasis integrates with other physiological systems in the whole animal. A pharmacology graduate course (PCOL 854.3 – Cardiovascular physiology) covers aspects of blood pressure control to do with anti-hypertensive and other common cardiovascular drugs, but does not cover the underlying basic physiology and does not focus on how this integrates with other physiological systems. Another graduate course offered by Physiology (PHSI 846.3) covers basic aspects of blood pressure control, but does not examine integration with other physiological systems and instead has a comparative emphasis. Also, neither course presents an in-depth focus on how disease and toxic agents perturb normal homeostatic mechanisms of blood pressure control. This proposed new course will build on the information presented in VBMS 840.3 (Vascular Biology and Toxicology) to include integration with multiple physiological organs, although students with a strong physiology or cardiovascular background will be able to take this course without VBMS 840.

Contact: lynn.weber@usask.ca

Approval: Graduate Academic Affairs Committee, December 13, 2012

COLLEGE OF KINESIOLOGY**Program changes****Physical Education Route (4 year degree)****New Requirement: KIN 380.3**

Outside electives (18 cu-Teaching Area II) has been reduced to 15 credit units by the College of Education. These 3 credit units be will replaced by KIN 380.3 (Research Methods) as part of the Kinesiology required classes bring the total credit units under Kinesiology required to 45 credit units. Total credit units to complete the 4 year Physical Education route will therefore remain at 126.

KIN 380.3 will be added as a required class to the Physical Education stream in lieu of the changes made by the College of Education in the reduction of their credit units in Teaching Area II. This will maintain the credit unit count of 126 credit units to the Physical Education, four year stream.

Course Requirements

Old Requirements: 6 credit units of Social Science and/or Humanities

New Requirements: NS 107.3 and 3 credit units of Social Science and/or Humanities

Rationale: Students following the Physical Education Route need to meet the prerequisite requirements for the College of Education with one of these requirements being NS 107.3. In order to ensure they have met this requirement we will add NS 107.3 as a required class in the four year Physical Education route.

Bachelor of Science Kinesiology/Bachelor of Education Combined Program

Students registered in the College of Kinesiology are eligible to apply for entrance into the combined program if they have completed a minimum of 95 credit units that includes the following courses: [ACB 221.3](#); ~~6 credit units in BIOL~~[BIOL 120.3 and 224.3](#); ~~ENG (6 junior credit units)~~[110.6](#) or choose 2 courses from [111.3, 112.3, 113.3, or 114.3](#); [KIN 121.3, KIN 122.3, KIN 150.3, KIN 222.3, KIN 223.3, KIN 225.3, KIN 226.3, KIN 231.3, KIN 240.3, KIN 281.3, KIN 320.3, KIN 322.3, KIN 341.3, KIN 380.3](#) and KIN elective (3 credit units)(choose from [KIN 232.3, 233.3, 255.3, 321.3, 334.3, 381.3, 425.3, 428.3, 431.3, 442.3, or 451.3](#); [KINA 200.2, KINA 210.2, KINA 211.2, KINA 235.2](#); [MATH 104.3](#) (or [MATH 110.3](#)); [NS 107.3](#) and 3 credit units in social sciences or humanities; and [STAT 245.3](#) or [PLSC 314.3](#) or [PSY 233.3](#) and 15 8 credit units in a second teaching area The B.Sc.(Kin.)/B.Ed. combined degree is a designated ~~168~~ [74](#) credit-unit, five-year (plus one Spring and Summer Session) undergraduate program.

VETERINARY MEDICINE

Program changes

As approved in May, 2012, the Veterinary Medicine program increased its Year Three electives to 16 credit units from 14 credit units.

The college now intends to add a communications course requirement, **to reduce the genetics content of a Large Animal Clinical Sciences course** and to increase the biochemistry content of another course. In total, the program will increase from 160 credit units to ~~165~~ **163** credit units. This will not affect overall program length or tuition costs.

In Year One requirements: Replace BIOC 207.2 with VBMS 202.4; **retitle VLAC 210.5 as VLAC 211.3**

For the Year Three requirements: Add VINT 415.1

In the list of Year Three electives: Retitle VINT 441.1 as VINT 442.2 and replace in electives list.

New courses

VINT 415.1 Communications

Prerequisite: Successful completion of Year 2 of the Doctor of Veterinary Medicine (DVM) Program.

Calendar description: This 1 credit course is designed to build the basic communication skills of the DVM Program and allow opportunity for students to practice and refine their skills using simulated clients in a controlled environment. Particular emphasis will be placed on obtaining a full history, dealing with euthanasia, disclosing medical errors, and other common scenarios in which communication skills are essential.

Rationale for introducing this course.

Good communication is a learned skill and can be applied in all aspects of life. Making students aware of verbal and non-verbal communication skills will improve their success in dealing with common situations such as taking a history from a client or resolving a conflict with a colleague. This course will be required in the Year Three requirements list.

VLAC 455.1 Introduction to Epidemiology for Regulatory Medicine and Public Health

Restrictions: Successful completion of Year 2 of the Doctor of Veterinary Medicine Program

Calendar description: This interactive course will give students exposure to emerging epidemiologic tools in regulatory medicine and public health. The tools emphasized and examples will be structured to meet student interests but might include examples from livestock, wildlife, and public health. Tools introduced in the course could include disease mapping, risk analysis, infectious disease modeling, research synthesis methods, and decision analysis.

Rationale for this course: The course is intended to give students exposure to the leading edge tools in regulatory medicine and public health and increase interest in these disciplines as potential career paths.

VINT 438. 1 Research / Special Topics

Prerequisite: Permission of third year teachers and examiners

Calendar description: Offered occasionally in special circumstances to cover in-depth topics not covered in regularly scheduled courses. These may include research projects and off-campus courses..

Rationale: This course will allow Veterinary Medical students to undertake research projects of specified nature during their program. This is similar to VINT 439.2 but at a reduced number of hours.

Course changes

BIOC 207.2 Veterinary Biochemistry, will be changed to VBMS 202.4 Veterinary Biochemistry

Rationale: This second year Veterinary course has been moved from the Department of Biochemistry to the Department of Veterinary Biomedical Sciences to reflect its enrolment and instructor. The restriction of Admitted to Year 1 of the Doctor of Veterinary Medicine program will remain the same, but the credit unit value of the course has been increased by two credit units because the biochemistry credit units for admission into the DVM program was reduced, thus students required additional biochemistry knowledge in the program. This change will have no effect on tuition or program length for veterinary students

VINT 441.1 Communications Elective will be changed to VINT 442.2 Communications Elective

Rationale: This course was designed as an 2 credit elective but a typo was made upon the original submission.

Course deletion

Delete course VINT 401.2. It is a selected topics course that duplicates VINT 400.2 so it is redundant.

Item for information:

To the year three electives list, add VTPA 421.1, VBMS 422.1, 437.2, VINT 438.1, 439.2, VSAC 454.1, 455.1, VLAC 455.1.