University of Waterloo  
SENATE UNDERGRADUATE COUNCIL  
Notice of Meeting

DATE: Tuesday 9 September 2014  
TIME: 12:00 noon – 2:00 p.m.  
PLACE: NH 3001

Please note:  
a light lunch will be served.

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**Agenda**

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| | For approval:  
| | 1 Decision [UGC]  
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3. Office of the Registrar*  
   a. New Undergraduate Awards | Information – forward to Senate for information |

4. Other Business

5. Next meeting: Tuesday 7 October 2014, 12:00-2:00 p.m. in NH 3001

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* material attached  
**material to be distributed  
“SEN-consent” to be recommended to Senate for approval (consent agenda)  
“SEN-regular” to be recommended to Senate for approval (regular agenda)  
“UGC” to be approved on behalf of Senate & sent to Senate for information

3 September 2014

Mike Grivicic  
Assistant University Secretary
University of Waterloo
SENATE UNDERGRADUATE COUNCIL
Minutes of the 17 June 2014 Meeting
[in agenda order]

Present: Annie Bélanger, Carey Bissonnette, Tom Brenner, Emanuel Carvalho, Jeff Casello, Mario Coniglio, Ray Darling, Dan Davison, Rocco Fondacaro, Steve Furino, Stephane Hamade, Linda Jessup, Wayne Loucks, Ron McCarville, Toni Serafini, Marlee Spafford, Cyntha Struthers,

Secretariat: Mike Grivicic

Guests: Jonathan Choo

Regrets: William Chesney, Abby Hu, Parmeg Kenth, Scott Kline, Lok Kan Lee, Carrie Mitchell, Alberto Pagano, Alisha Sumar, Nicole Yang

Organization of Meeting: Mario Coniglio, chair of council, took the chair, and Mike Grivicic, secretary to council, acted as secretary. The secretary advised that due notice of the meeting had been given, a quorum was present, and the meeting was properly constituted. The agenda was approved by consensus.

1. APPROVAL OF THE 13 MAY 2014 MINUTES AND BUSINESS ARISING
Members indicated that Casello should be discussant for the item 3(b), in place of Furino. Council heard a motion to approve the minutes. Loucks and Carvalho. Carried as amended.

2. CURRICULAR ITEMS FOR APPROVAL & INFORMATION

Applied Health Sciences. Council considered items 1.1, 1.2, and 2.1 together, and amended the course description of REC 480 to strike out “seminar-type”. Council heard a motion to approve the items, as amended. McCarville and Jessup. Carried.

Arts. Council considered items 1-3 together. It was noted that for section 2.10.1, #1 should instead read “Successful completion of 20 academic course units (40 courses) with an overall cumulative average of 60%. A minimum cumulative average of 75% is required in the set of courses identified in section (2) below.” Members discussed the submission and noted the use of the term “interdisciplinary” vs. “multidisciplinary” for legal studies, and the challenges facing major programs that rely on other departments to deliver a large portion of courses. Council heard a motion to approve all items under section 1-3, as amended. Carvalho and Serafini. Carried. Carvalho provided an overview of item 4, and noted that the effective dates for courses in that section should be amended to 1 January 2015. Council heard a motion to approve new courses and course changes in legal studies as amended. Carvalho and Jessup. Carried. [Secretary’s note: following this meeting it was clarified that the bulk of the courses in 4.1 and 4.2 will have an effective date of 1 September 2015, with the exception of LS 240/SOC 240, LS 425/SOC 425]. Council considered item 5 and Carvalho offered amendments as follows: LS 102 be added as an anti-requisite to LS 202; SOC 102 be added as anti-requisite to SOC 205; SOC 226 be added as an anti-requisite to SOC 306; effective date of 1 January 2015 for EASIA 231R/SI 231R/FINE 275, SOC 240/LS 240, SOC 270, SOC 425/LS 425, PSYCH 316, PSYCH 391, PSYCH 394, PSYCH 396, PSYCH 398, PSYCH 448R, PSYCH 453, PSYCH 455, PSYCH 458, PSYCH 461, ENGL 129R, EMLS 129R. Council heard a motion to approve the new courses as amended. Carvalho and Casello. Carried. Council observed the unusual incidence of amendments and requested that UGAG be notified. Council considered item 6 and Carvalho observed that only SOC 240 will be inactivated and not SOC 240R. Council heard a motion to approve the courses changes as amended. Carvalho and Brenner. Carried. Darling observed that it may be useful to inactivate courses if they have not been offered over a certain period of time. Darling will report back to a future meeting on active courses that have not been offered in five years.

Co-operative Education Council. Council heard a motion to inactivate the course as presented. Fondacaro and Bissonnette. Carried.

Engineering. Council considered items I and II together, and heard a motion to approve the course changes and minor program changes as presented. Loucks and Davison. Carried.
Renison University College. Council heard a motion to approve a new course in English for multilingual speakers. Brenner and Furino. Carried.

Science. Council considered items B, D and E together. Following Spafford’s overview, Council observed that the demand for concurrent degrees is low but that students that pursue those studies are often very strong. Spafford will communicate with Environment to confirm concurrence on the AVIA course submissions. Council heard a motion to approve items B, D and E as presented. Spafford and Bissonnette. Carried.

3. REVISED - EFFECTIVE DATES CHART FOR 2014-15
This item was received for information. Coniglio and Darling will review the effective dates over the summer months.

4. OTHER BUSINESS
a. Coniglio noted that convocation week was last week and following the successful event some negative feedback was received with regard to the diversity of the university’s honorands. He emphasized that the president affirmed the quality of each of the honorands while also indicating that efforts must continue to identify potential honorands from underrepresented groups.

b. Coniglio noted discussion at the June meeting of Senate that arose from mention of Confucius Institute in the East Asian Studies final assessment report. Further discussion on the university’s relationship with the Confucius Institute is anticipated at a future Senate meeting.

c. Coniglio observed that work on the guidelines for online resources is ongoing and there is concern that with the ministry having softened its stance on such resources that this may lead to cost escalation to students if there are no requirements for instructors to provide no-fee alternatives. It is anticipated that students and Deans’ Council will be involved in this discussion going forward. Members noted one university that provides free online texts for a collection of courses with high enrollment.

d. Coniglio indicated that strategic enrollment management was discussed at the recent retreat of Executive Council, with Tom Green from the American Association of Collegiate Registrar and Admissions Officers providing a presentation on the topic. The topic was discussed at Deans’ Council in May and that group will initiate strategic discussions, possibly through a series of workshops.

e. Coniglio indicated that the recent provincial election results suggest that the existing SMAs will continue to be in effect. He noted that there has been no announcement of a date for public release of SMAs, and that two institutions still have to sign their SMAs.

f. Coniglio observed that the search for a new chancellor is ongoing.

g. Coniglio reported that Jim Frank has been appointed as interim Associate Provost, Graduate Studies.

h. Coniglio indicated that a retirement reception of Geoff McBoyle is planned for 18 June, to celebrate his 45 years of service to the university.

i. Furino inquired as to whether the university is planning to undertake a program prioritization exercise, and Coniglio indicated that no such plans exist.

j. Furino ascertained that the new budget model is tentatively planned for 2016.

k. Council noted that Mark Seasons is chairing the task force on course evaluations.

l. Council noted that Coniglio is on the task force studying a potential fall break.

5. NEXT MEETING
The next meeting will be held on Tuesday 9 September 2014 from 12:00 – 2:00 p.m. in NH 3001.

29 August 2014

Mike Grivicic
Assistant University Secretary
SUMMARY FOR SENATE UNDERGRADUATE COUNCIL

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The curricular agenda:

1. **New plans:**
   a. **Digital Arts Communication minor** The Arts & Business specialization, previously available only to ArtsBus co-op students, has been reconceived as a minor open to any student in the faculty of Arts, and housed in the department of Drama and Speech Communication.
   b. **Technical Writing minor and specialization** The English department has put forward a minor that will allow students in any program at Waterloo (and a specialization for English majors) to add a technical writing designation to their degree.
   c. **History specializations** The department is introducing three new specializations designed to allow students to focus their studies on either global interactions, revolution and war, or applied history.

2. **Plan changes:**
   a. **Drama plan changes** In response to program review as well as changes in the drama and theatre studies disciplines, extensive changes have been made to the plans, reducing the number of course requirements, clarifying the centrality of performance production to the plans, and aligning the learning outcomes with departmental research and learning objectives.
   b. **English plan changes** Primarily, the changes involve adding new courses to plan lists, clarifying the content of the Global Literatures specialization (including a plan title change via the creation of a new plan and a plan inactivation).
   c. **French Teaching Specialization plan changes** are focused on clarifying and supporting the plans for students to spend two terms in a French-speaking university.
   d. **Peace and Conflict Studies plan changes; Social Development Studies specializations; Sexuality, Marriage, and Family Studies plan changes** are all focused on “housekeeping”: updating course lists, adding, deleting, and changing courses as appropriate and necessary.

3. **New courses:**
   a. **DRAMA** A number of new courses are being introduced that reflect the changes being made to the learning outcomes of the program. Among the more significant changes are the realigning of the production participation suite of courses, which now more accurately reflect the level and quality of students’ contributions to production activities, as well as the introduction of new topics and course content aligned with faculty teaching and research interests and strengths.
   b. **ENGL** New courses related to the technical writing minor/specialization, or to the evolving global literatures specialization.
   c. **EASIA 302R Chinese Foreign Policy Since 1949** extends the course offerings in the East Asia Studies program.

4. **Course changes and inactivations:**
   a. **DAC** Course changes support the transition from a specialization within Arts & Business Co-op to a minor open to broader audience of Arts students.
   b. **DRAMA** Course changes primarily involve updating course descriptions, “uncoupling” or inactivating cross-listed courses no longer being offered, and other changes related to the restructuring of the Drama plans.
c. **ECON** After input from other members of Senate Undergraduate Council, the changes to prerequisites for upper-year ECON courses related to preparedness in algebra and calculus have been further refined and brought back for approval.

d. **HIST course changes; SMF course changes** to titles, course content, and prerequisites have been made to update course offerings in these two disciplines.

5. The remainder of the curricular agenda handled routine or “house-keeping” matters: adding or changing pre- or antirequisites to courses; adding new, changed or cross-listed courses to plan lists; or other relatively minor curricular changes. All of the agenda items were duly passed by Arts Faculty Council at its June 10, 2014 meeting (consent agenda).
1. **NEW ACADEMIC PLANS** [for approval]

1.1. **Dean of Arts – Digital Arts Communication**

**Effective date: September 1, 2015**

1.1.1. **Digital Arts Communication Minor**

Students enrolled in any degree program in the Faculty of Arts may pursue a minor designation in Digital Arts Communication. This minor is available to students who wish to study the design of digital communication using hypertext, image, sound, and video. The minor emphasizes the design of digital communication, and especially its role in meeting the needs of different audiences, rather than computer programming or the use of particular software applications.

The Digital Arts Communication Minor requires successful completion of a minimum of four academic units (eight courses) with a minimum cumulative average of 65%, including:

- At least four of DAC 201, DAC 202, DAC 203, DAC 300, DAC 302, DAC 305, DAC 307, DAC 308, DAC 309, DAC 329, DAC 400, DAC 403
- Up to four of:
  - DRAMA 379, DRAMA 405
  - ENGL 294, ENGL 320, ENGL 392A, ENGL 392B, ENGL 408A
  - FINE 130, FINE 228, FINE 229, FINE 232
  - MUSIC 275
  - SPCOM 220, SPCOM 440

**Rationale:** At the request of the Associate Dean of Arts – Arts Special Programs and Administration and Planning, the Digital Arts Communication Specialization (open only to students enrolled in the Arts and Business Co-op plan) is transitioning to a minor in order to make the program available to more students in the Faculty of Arts.

1.2. **English Language and Literature**

**Effective date: September 1, 2015**

1.2.1. **Technical Writing Minor**

Students enrolled in any degree program may pursue a minor designation in Technical Writing.

The Technical Writing Minor requires successful completion of a minimum of four academic units (eight courses) with a minimum cumulative average of 65%, including:

- ENGL 210E, ENGL 210J, ENGL 292, ENGL 392A
- Two of ENGL 210F, ENGL 210G, ENGL 210H, ENGL 210I
- Two of ENGL 335, ENGL 376R, ENGL 392B, ENGL 408B, ENGL 408C, ENGL 472

Note: The Technical Writing Minor is not available to students in any English Language and Literature plan.

**Rationale:** This minor supports the Arts Strategic Plan initiative to create pragmatic career-based minors. It builds on teaching and research expertise in professional writing and information design in English Language and Literature. The minor is open to all University of Waterloo students (except English majors) and may be useful to students in both Arts and in other Faculties who can combine the technical writing designation with their own subject area specialization.
1.2.2. **Technical Writing Specialization**
The Technical Writing Specialization is open to students who are enrolled in any English Language and Literature major plan. Admission to the Technical Writing Specialization is by consent of the Department of English Language and Literature upon completion of the first year of studies.

**Requirements**
The Technical Writing Specialization requires the completion of four courses:
- ENGL 210E, ENGL 392A
- One of ENGL 210G, ENGL 210I, ENGL 210J
- One of ENGL 408B, ENGL 408C, ENGL 472

**Rationale:** The Technical Writing Specialization, a smaller concentration of courses than the new Technical Writing Minor, is being created for English majors.

1.2.3. **Honours English – Global Literatures Specialization**
The Global Literatures Specialization is open to students who are enrolled in an Honours English academic plan. Admission to the Global Literatures Specialization is by consent of the Department of English Language and Literature upon completion of the first year of studies.

**Requirements**
The Global Literatures Specialization requires successful completion of four courses:
- ENGL 291
- One of ENGL 208L, ENGL 208M, ENGL 216, ENGL 218, ENGL 260, ENGL 290, ENGL 322, ENGL 345, ENGL 463
- Three of ENGL 280, ENGL 260, ENGL 313, ENGL 318, ENGL 322, ENGL 345, ENGL 342, ENGL 410C, ENGL 460A, ENGL 460B, ENGL 460C, ENGL 460D, ENGL 463

**Rationale:** This specialization is being created to replace the Honours English – English Literature in a Global Literatures Context Specialization. Due to the desired plan title change, a new plan must be created and the old inactivated in order to ensure students who are currently enrolled will graduate with the old designation, whereas new students will declare the new plan. Although it is technically a new plan, we have shown, with bolding and strike outs, the changes the department is making to this plan so that Senate Undergraduate Council is aware of the requirement changes being made at the same time as implementing a new plan title.

ENGL 291 is a proposed new course, “Global Literatures,” that will be offered frequently. The changes to the other bullets clarify the differences between courses that are more international and those that are more nation-based but that include attention to themes of imperialism, migration, and global cultures.

1.3. **History**
**Effective date:** September 1, 2015

1.3.1. **Applied History Specialization**
The Applied History Specialization explores practical, real world uses of the past in society and the marketplace. The Applied History Specialization is open to all Four-Year General or Honours History students.

Eligibility for graduation with the Applied History Specialization requires successful completion of two academic course units (four courses) from the following:
- HIST 202, HIST 203, HIST 302, HIST 303, HIST 305
1.3.2. **Global Interactions Specialization**
The Global Interactions Specialization moves beyond borders to explore human interactions on a global scale. The Global Interactions Specialization is open to all Four-Year General or Honours History students.

Eligibility for graduation with the Global Interactions Specialization requires successful completion of two academic course units (four courses) from the following:
- HIST 201, HIST 268, HIST 271, HIST 275, HIST 389

1.3.3. **Revolution, War, and Upheaval Specialization**
The Revolution, War, and Upheaval Specialization examines the impact of conflict on the course of history. The Revolution, War, and Upheaval Specialization is open to all Four-Year General or Honours History students.

Eligibility for graduation with the Revolution, War, and Upheaval Specialization requires successful completion of two academic course units (four courses) from the following:
- HIST 220, HIST 226, HIST 227, HIST 314, HIST 316

**Rationale:** The three specializations presented here encompass key areas of focus in the Department of History. Offering these Specializations is but one way of packaging our shared thematic interests in an attractive fashion for students, and they will make History more consistent with other departments in the Faculty of Arts. Moreover, these specializations will raise the department’s profile by highlighting concentrations of scholarly and teaching strength. This is an important phase in the curriculum reform process, as it results in a more concrete recognition of our overlapping interests as an academic community. By streamlining these specializations to only five key courses in each category, and by selecting courses offered regularly, the current lists represent an attempt to impose order and boundaries on these specializations in a way that makes sense to our faculty members and to our history majors. Our department made a conscious effort to select courses taught by as wide a range of faculty as possible, in order to expose our history majors to a variety of subjects and professors. We also carefully selected courses that are offered on either an annual or biennial basis so that students will be able to obtain their chosen specialization without having to wait long for the required courses to be offered. This package of specializations will enhance the undergraduate experience in the Department of History at the University of Waterloo.

2. **ACADEMIC PLAN CHANGES** [for approval]

2.1. **Conrad Grebel University College – Peace and Conflict Studies**
Effective date: September 1, 2015

2.1.1. Three-Year General Peace and Conflict Studies
2.1.2. Four-Year General Peace and Conflict Studies
2.1.3. Honours Peace and Conflict Studies
2.1.4. Honours Peace and Conflict Studies (Arts and Business Co-op and Regular)
2.1.5. Joint Honours Peace and Conflict Studies
2.1.6. Peace and Conflict Studies Minor
2.1.7. Diploma in Peace and Conflict Studies
- list of Peace and Conflict Studies approved courses:
  - Classical Studies: CLAS 210
  - Drama: DRAMA 397
  - English: ENGL 216, ENGL 309G
  - Environment and Resource Studies: ERS 215, ERS 253, ERS 294, ERS 404
  - Environmental Studies: ENVS 201, ENVS 401
  - Fine Arts: FINE 378
- Geography and Environmental Management: GEOG 202, GEOG 203, GEOG 208, GEOG 212, GEOG 215, GEOG 308, GEOG 426, GEOG 461, GEOG 462
- German: GER 383
- Music: MUSIC 334
- Philosophy: PHIL 216, PHIL 327, PHIL 328, PHIL 329, PHIL 422
- Political Science: PSCI 150, PSCI 225, PSCI 226, PSCI 250, PSCI 252, PSCI 257, PSCI 281, PSCI 282, PSCI 321, PSCI 350, PSCI 351, PSCI 382, PSCI 387, PSCI 389, PSCI 429, PSCI 432, PSCI 454, PSCI 456, PSCI 481
- Sexuality, Marriage, and Family Studies: SMF 205, SMF 307
- Social Development Studies: SDS 210R, SDS 312R, SDS 331R, SDS 370R
- Sociology: SOC 102, SOC 201, SOC 205, SOC 206, SOC 222, SOC 224R, SOC 226, SOC 227, SOC 228, SOC 229, SOC 241, SOC 256, SOC 258, SOC 262, SOC 306, SOC 325, SOC 327, SOC 370, SOC 372, SOC 378, SOC 428
- Speech Communication: SPCOM 430, SPCOM 432, SPCOM 434
- Women's Studies: WS 209, WS 331, WS 334

**Rationale:** On April 8, 2014 members of the Peace and Conflict Studies Faculty Committee, an interdisciplinary committee of faculty represented in the Peace and Conflict Studies program, examined the list of PACS approved courses. The committee made the decision to add courses in History, Psychology, and Geography and remove five History courses. At this same meeting, Geography noted that the GEOG 208 course needed to be updated to match the change in catalog number to GEOG 308.

At the previous UGAG/SUC meeting, Sociology and Legal Studies inactivated and/or renumbered a number of courses appearing in Peace and Conflict Studies approved courses: SOC 102 (to 205), 226, 306, 372 and 378. Removing and/or changing these courses from the plans aligns with the Department of Sociology and Legal Studies' changes.

2.2. **Dean of Arts – Arts and Business**

Effective date: September 1, 2015

2.2.1. **Arts and Business Co-op and Regular**

Notes:
1. Students must normally have an overall average of 70% in their Honours Arts and Business courses at the end of the first term of Year One (1A) to remain in the Honours Arts and Business Co-op academic plan.
2. Students must normally have an overall average of 70% in their Honours Arts and Business courses at the end of Year One to remain in the Honours Arts and Business Regular academic plan.
3. Students wishing to take a different course in the ENGL 210 series should consult with their Arts and Business advisor.
4. Honours Arts and Business Co-op and Regular students may only select one of the specializations listed within the Honours Arts and Business academic plan.
5. Digital Arts Communication and International Trade Specializations are available for qualified applicants in the Honours Arts and Business Co-op academic plan in Year Two.

6. Students pursuing one of the two Arts and Business specializations will have all courses taken towards that specialization (i.e. that are listed within the specialization) counted in their Arts and Business average. If the student’s Honours Arts and Business average falls below the required 70%, they should seek immediate advice from their Arts and Business advisor. If the advisor determines that the specialization is causing the drop in average, students will be allowed to continue in Honours Arts and Business, but will be required to drop the specialization in question.

7. Students in the Honours Arts and Business Regular academic plan may not pursue departmental co-op; however, they may apply for admission to the Honours Arts and Business Co-op academic plan.

8. Upon successful completion of all Honours Arts and Business Co-op curriculum requirements, including a minimum of four successful work terms, a student is granted an Honours degree in the Arts major discipline with an Honours Arts and Business Co-op designation.

9. Upon successful completion of all Honours Arts and Business Regular curriculum requirements, a student is granted an Honours degree in the Arts major with an Honours Arts and Business Regular designation.

**Rationale:** With the inactivation of the International Trade Specialization at the April 2014 SUC meeting and the inactivation of the Digital Arts Communication Specialization at this meeting, there are no longer any specializations within the Arts and Business Co-op or Regular academic plans. As such, the notes referring to the now inactive specialization are being removed from the requirements.

2.3. **Drama and Speech Communication – Drama**

Effective date: September 1, 2015

2.3.1. **Three-Year General Drama**

2. Drama Plan-level requirements:
   - at least six academic course units (12 courses) in Drama with a minimum cumulative average of 65%, including:
     - DRAMA 100, DRAMA 101A, DRAMA 101B, DRAMA 102, DRAMA 200, DRAMA 243, DRAMA 244, DRAMA 409
     - one of DRAMA 300 371 or DRAMA 301 372
     - Dramatic Literatures: three of DRAMA 301, 311, 314, 315, 318, 319B, 380, 381, 382, 386, 387, ENGL 190
   
   **Note:** A student who has taken ENGL 362/363 or DRAMA 386/387 may not also take ENGL 190.

2.3.2. **Four-Year General Drama**

2. Drama Plan-level requirements:
   - at least 7.5 eight academic course units (15 16 courses) in Drama with a minimum cumulative average of 70%, including:
     - DRAMA 100, DRAMA 101A, DRAMA 101B, DRAMA 102, DRAMA 200, DRAMA 243, DRAMA 244, DRAMA 300, DRAMA 301, DRAMA 371, DRAMA 372, DRAMA 409
     - one of DRAMA 400 or 410
     - Dramatic Literatures: three of DRAMA 311, 314, 315, 318, 319B, 380, 381, 382, 386, 387

   **Notes:**
   1. A fourth dramatic literature may be used to replace one of DRAMA 371 or 372.
   2. A student who has taken ENGL 362/363 or DRAMA 386/387 may not also take ENGL 190.
### 2.3.3. Honours Drama

The Honours academic plan is designed so that a student can work through a particular sequence of courses in one field (acting, academic, directing, technical). The optional DRAMA 499A/B project in the fourth year may be centred on this specialization.

Continuation in this academic plan requires a cumulative overall average of 60% and a cumulative Drama average of 75%.

Eligibility for graduation in the Honours Drama academic plan includes successful fulfillment of the following requirements:

1. Appropriate Program-level requirements. See Bachelor of Arts Degree Requirements.
2. Drama Plan-level requirements:
   - at least eight academic course units (16 courses) in Drama with a minimum cumulative average of 75%, including:
     - DRAMA 100, DRAMA 101A, DRAMA 101B, DRAMA 102, DRAMA 200, DRAMA 243, DRAMA 244, DRAMA 300, DRAMA 301, DRAMA 371, DRAMA 372, DRAMA 409
     - one of DRAMA 400 or DRAMA 410
     - Dramatic Literatures: four of DRAMA 311, 314, 315, 318, 319B, 380, 381, 382, 386, 387
   
   Note: A student who has taken ENGL 362/363 or DRAMA 386/387 may not also take ENGL 190.

### 2.3.4. Honours Drama (Arts and Business Co-op and Regular)

2. Drama Plan-level requirements:
   - at least 7.5 eight academic course units (15 16 courses) in Drama with a minimum cumulative average of 75%, including:
     - DRAMA 100, DRAMA 101A, DRAMA 101B, DRAMA 102, DRAMA 200, DRAMA 243, DRAMA 244, DRAMA 300, DRAMA 301, DRAMA 371, DRAMA 372, DRAMA 409
     - one of DRAMA 400 or DRAMA 410
     - Dramatic Literatures: three of DRAMA 311, 314, 315, 318, 319B, 380, 381, 382, 386, 387
   
   Arts and Business requirements.

Notes:
1. A fourth dramatic literature may be used to replace one of DRAMA 371 or 372.
2. A student who has taken ENGL 362/363 or DRAMA 386/387 may not also take ENGL 190.

### 2.3.5. Joint Honours Drama

2. Drama Plan-level requirements:
   - at least 7.5 eight academic course units (15 16 courses) in Drama with a minimum cumulative average of 75%, including:
     - DRAMA 100, DRAMA 101A, DRAMA 101B, DRAMA 102, DRAMA 200, DRAMA 243, DRAMA 244, DRAMA 300, DRAMA 301, DRAMA 371, DRAMA 372, DRAMA 409
     - one of DRAMA 400 or DRAMA 410
     - Dramatic Literatures: three of DRAMA 311, 314, 315, 318, 319B, 380, 381, 382, 386, 387
   
   3. Plan-level requirements for the second major.

Notes:
1. A fourth dramatic literature may be used to replace one of DRAMA 371 or 372.
2. A student who has taken ENGL 362/363 or DRAMA 386/387 may not also take ENGL 190.

### 2.3.6. Drama Minor

The Drama Minor requires successful completion of a minimum of four academic course units (eight courses) in Drama with a minimum cumulative average of 65%, including:

- DRAMA 100, DRAMA 101A, DRAMA 101B, DRAMA 102, DRAMA 200, DRAMA 243
Dramatic Literatures: two of DRAMA 311, 314, 315, 318, 319B, 380, 381, 382, 386, 387

Note: A student who has taken ENGL 362/363 or DRAMA 386/387 may not also take ENGL 190.

Rationale: As part of a program-wide Drama curriculum revision, changes to the plans ensure balance and integration of theory and practice at all levels of the curriculum, increase students’ range of choices in elective Drama courses, preserve students’ ability to specialize in a particular area (such as design, performance, or dramaturgy) if they so choose, adopt Faculty of Arts strategies for plan standardization and where appropriate, integrate students’ critical and practical training in a capstone project suitable for portfolio presentation to employers or graduate schools.

2.4. **English Language and Literature**
   
   Effective date: September 1, 2015

2.4.1. **Honours English – Rhetoric and Professional Writing**
2.4.2. **Joint Honours English – Rhetoric and Professional Writing**
2.4.3. **Honours English – Rhetoric and Professional Writing (Arts and Business Co-op and Regular)**
   
   2. English Plan-level requirements:
      
      • ...
      
      • Writing: one of ENGL 210E, ENGL 210F, **ENGL 210G**, ENGL 210H, ENGL 210I, **ENGL 210J**
      
      • ENGL 292, ENGL 306A
      
      • History and Theory of Rhetoric: two of ENGL 309A, ENGL 309B, ENGL 309C (see Note 5)
      
      • Professional Writing and Communication Design: two of ENGL 293, ENGL 371, ENGL 392A, ENGL 392B, ENGL 403, ENGL 408A, ENGL 408B, ENGL 408C, ENGL 470C, ENGL 471, **ENGL 472** (see Note 5)
      
      • ...

2.4.4. **Honours English – Literature and Rhetoric**
   
   2. English Plan-level requirements:
      
      • ...
      
      • Professional Writing and Communication Design; Forms of Media and Critical Analysis: three from the other ENGL 309 courses, ENGL 293, ENGL 319, ENGL 320, ENGL 335, ENGL 336, ENGL 365, ENGL 366, ENGL 371, ENGL 392A, ENGL 392B, ENGL 403, ENGL 406, ENGL 407, ENGL 408A, ENGL 408B, ENGL 408C, ENGL 409A, ENGL 470A, ENGL 470B, ENGL 470C, ENGL 471, **ENGL 472**, ENGL 495A/ENGL 495B (see Note 5)
      
      • ...

2.4.5. **Joint Honours English – Literature and Rhetoric**
   
   2. English Plan-level requirements:
      
      • ...
      
      • Professional Writing and Communication Design; Forms of Media and Critical Analysis: one from the other ENGL 309 courses, ENGL 293, ENGL 319, ENGL 320, ENGL 335, ENGL 336, ENGL 365, ENGL 366, ENGL 371, ENGL 392A, ENGL 392B, ENGL 403, ENGL 406, ENGL 407, ENGL 408A, ENGL 408B, ENGL 408C, ENGL 409A, ENGL 470A, ENGL 470B, ENGL 470C, ENGL 471, **ENGL 472**, ENGL 495A/ENGL 495B (see Note 5)
      
      • ...

2.4.6. **Honours English – Literature and Rhetoric (Arts and Business Co-op and Regular)**
   
   2. English Plan-level requirements:
      
      • ...
      
      • Professional Writing and Communication Design; Forms of Media and Critical Analysis: two from the other ENGL 309 courses, ENGL 293, ENGL 319, ENGL 320,
ENGL 335, ENGL 336, ENGL 365, ENGL 366, ENGL 371, ENGL 392A, ENGL 392B, ENGL 403, ENGL 406, ENGL 407, ENGL 408A, ENGL 408B, ENGL 408C, ENGL 409A, ENGL 470A, ENGL 470B, ENGL 470C, ENGL 471, ENGL 472, ENGL 495A/ENGL 495B (see Note 5)

... 

Rationale: The Department of English Language and Literature is adding their new courses to their plans.

2.5. French Studies
Effective date: September 1, 2015

2.5.1. Honours French – French Teaching Specialization
2. French Studies Plan-level requirements:
  o at least ten academic course units (20 courses) in French Studies and one academic course unit (two courses) in education with a minimum cumulative average of 75%, including:
    - one of FR 192A, FR 192B
    - FR 197, FR 297
    - one of FR 263, FR 276
    - four language courses from FR 300A, FR 351, FR 353, FR 355, FR 392A, FR 392B, FR 400, FR 452
    - one linguistics course from FR 303, FR 373, FR 403, FR 409
    - four literature or culture courses at the 300-level or above
    - one additional FR course at the 300-level or above
  Education courses:
    o PSYCH 212/PSYCH 212R
    o one of SOC 207/SOC 207R; APPLS 205R
  • Students who do not already have native fluency in French are required to spend two consecutive terms (normally in Year Three) at a French-speaking university one of the Department’s French-speaking university partners: either the Université du Québec à Chicoutimi (Canada) or the Université de Nantes (France).
  o Students opting to study in France must include FR 473 in their plan.

2.5.2. Third Year in France and Quebec
The Department of French Studies offers three different avenues to meet the requirement to spend two terms in a French-speaking university. Students may either apply for admission to the Université de Nantes (France) program, organized jointly by the University of Waterloo and Trent University, or to the Université du Québec à Chicoutimi (province of Québec) program part of the agreement with the UQAC “unité d’enseignement en lettres” and elect to spend two terms at the Université du Québec à Chicoutimi (province of Québec) through a Letter of Permission form (see Enrolment Forms). A third option is also possible: to study at the Université de Paris (France) under the Université de Paris under the Mission Interuniversitaire de Coordination Échanges Franco-Américains (MICEFA) program agreement. Application deadline is the third week in November for studies beginning the following academic year. Please see the Department of French Studies for application forms and information. Other exchange opportunities are available through the Arts International Exchange office.

Rationale: First: ensuring students meet degree requirements for the French Teaching Specialization. French Studies has signed department-to-department exchange agreements with these two partner universities, ensuring that these programs meet the academic needs of our students. Students are also provided with academic counselling for these exchanges; we determine course offerings in Nantes, and are given advance notice of Chicoutimi courses. Second: as
University wide exchange opportunities continue to expand, to ensure minimum participation in these two programs to keep them viable. Note that this proposed change does not affect Honours, Joint Honours, or Minor students.

2.6.  

Renison University College – Social Development Studies  
Effective date: September 1, 2015

2.6.1.  

Joint Honours Social Development Studies  
Notes:  
1. The total number of courses required for a Joint Honours academic plan will vary according to the number of courses required for the major being combined with Social Development Studies.  
2. Course selection for a Joint Honours academic plan with Social Development Studies should only be made after consultation with your Renison academic advisor.  
3. Subject to approval by both departments, the equivalent courses to SDS 250R and 251R may be taken in the other discipline. If such replacement occurs is approved, sufficient Social Development Studies courses must be taken to meet the 16 course minimum requirement. the 16 Social Development Studies course minimum requirement will be waived; students who take 14 Social Development Studies courses plus the alternate Statistics and Research Methods courses in the other discipline.  
4. For further information regarding any of the academic plans, consult the Registrar’s Office, Renison University College, Waterloo, Ontario N2L 3G4, or contact ren-reg@uwaterloo.ca.  
5. For updated information on special topic courses and fourth-year seminars, visit the Social Development Studies website.

Rationale: The Undergraduate Calendar note indicates that Joint Honours SDS students should take an additional two SDS courses if they have taken SDS 250R and 251R equivalents in another discipline. Current advising practice does not enforce this rule, however, because students are still covering the Statistics and Research Methods content required for their SDS plan. The Department proposes changing the wording in the Calendar to reflect current advising practice.

2.6.2.  

Honours Social Development Studies – Cultural Diversity Specialization  
The Cultural Diversity Specialization requires successful completion of a minimum of 3.5 academic course units (seven courses) including:

- at least three of:
  - PACS 327
  - PSYCH 349R
  - SDS 311R, SDS 370R, SDS 388R
  - SOCWK 301R, SOCWK 322R
  - SPCOM 226

- at least two of:
  - PSYCH 449R
  - SDS 405R, SDS 450R, SDS 495R, SDS 496R, SDS 499A, SDS 499B
  - Note: Students in the honours seminar, apprenticeship courses, and senior honours essay/thesis must select topics related to cultural diversity.

- and the remaining courses from:
  - ANTH 233, ANTH 351
  - APPLS 301
  - CHINA 272R
  - EASIA 201R, EASIA 220R, EASIA 301R
  - ENGL 108B, ENGL 208L, ENGL 318
  - FR 292 or FR 297
  - GER 100, GER 272, GER 385
2.6.3. **Honours Social Development Studies – Social Policy Specialization**

The Social Policy Specialization requires successful completion of a minimum of 3.5 academic course units (seven courses) with a minimum cumulative average of 75%, including:

- at least three of:
  - PSCI 260
  - SDS 210R, SDS 231R, SDS 311R, SDS 312R, SDS 331R, SDS 388R
  - SOCWK 300R
- at least two of:
  - SDS 400R, SDS 431R, SDS 450R, SDS 495R, SDS 496R, SDS 499A, SDS 499B
  - SOC 450R
  - SOCWK 450R

Note: Students in the honours seminar, apprenticeship courses, and senior honours essay/thesis must select topics related to social policy.

- and the remaining courses from:
  - ANTH 351
  - HIST 389
  - HLTH 260, HLTH 410
  - INDEV 302
  - PHIL 216, PHIL 328
  - PLAN 340, PLAN 431
  - PSCI 281, PSCI 282, PSCI 334, PSCI 382, PSCI 389, PSCI 431, PSCI 439, PSCI 472
  - SOC 224R

2.6.4. **Honours Social Development Studies – Individual Well-Being and Development Specialization**

The IWD Specialization requires successful completion of a minimum of 3.5 academic course units (seven courses) with a minimum cumulative average of 75%, including:

- At least three of:
  - SDS 350R, SDS 355R
  - SOCWK 220R, SOCWK 321R
- at least two of:
  - PSYCH 448R, PSYCH 450R
  - SDS 440R, SDS 495R, SDS 496R, SDS 499A, SDS 499B

Note: Students in the honours seminar, apprenticeship courses and senior honours essay/thesis must select topics related to individual well-being.

- and the remaining courses from:
  - GERON 201, GERON 352
  - PACS 202, PACS 323
  - PHIL 201, PHIL 202, PHIL 220
  - PSYCH 318, PSYCH 332
  - REC 205
- SMF 206, SMF 306
- SOC 200, SOC 204R

**Rationale:** Remove ANTH 351 and PSYCH 332. These courses are being inactivated by the home departments.

2.7.  
**St. Jerome’s University – Sexuality, Marriage, and Family Studies**  
Effective date: September 1, 2015

2.7.1.  
**Three-Year General Sexuality, Marriage, and Family Studies**

2. Sexuality, Marriage, and Family Studies Plan-level requirements:

- at least seven academic course units (14 courses) in SMF and Sexuality, Marriage, and Family Studies approved courses with a minimum cumulative average of 65%, including:
  - SMF 205, SMF 206, SMF 207, SMF 220, SMF 230, SMF 310
  - one of SMF 204; PSYCH 236
  - one of SMF 304, SMF 305, SMF 365
  - one of SMF 306, SMF 307, SMF 366; PSYCH 354/PSYCH 354R
  - one of SMF 317/HIST 317, SMF 318/HIST 318, SMF 319
  - four additional courses from the balance of those courses above and the following SMF and Sexuality, Marriage, and Family Studies approved courses, including two at the 300-level or above:
    - two of DRAMA 397/FINE 378; ENGL 108E/WS 108E, ENGL 208C, ENGL 208E/WS 208E, ENGL 208N, ENGL 217; HIST 213, HIST 277, HIST 313; ITALST 111; JS 120/RS 111; PHIL 201, PHIL 202/WS 222, PHIL 210J, PHIL 210J, PHIL 318J; RS 150, RS 180, RS 254, RS 324, RS 325

Notes:

1. Students are encouraged to discuss their electives with the Sexuality, Marriage, and Family Studies academic advisor.

2. Students should plan to take an introductory HIST course prior to 3A to ensure requisites are met for SMF 317, SMF 318, or SMF 319.

3. No one course may fulfill more than one requirement within any Sexuality, Marriage, and Family Studies plan.

2.7.2.  
**Four-Year General Sexuality, Marriage, and Family Studies**

2. Sexuality, Marriage, and Family Studies Plan-level requirements:

- at least nine academic course units (18 courses) in SMF and Sexuality, Marriage, and Family Studies approved courses with a minimum cumulative average of 65%, including:
  - SMF 205, SMF 206, SMF 207, SMF 220, SMF 230, SMF 310
  - one of SMF 204; PSYCH 236
  - one of SMF 304, SMF 305, SMF 365
  - one of SMF 306, SMF 307, SMF 366; PSYCH 354/PSYCH 354R
  - one of SMF 317/HIST 317, SMF 318/HIST 318, SMF 319
  - eight additional courses from the balance of those courses above and the following SMF and Sexuality, Marriage, and Family Studies approved courses, including two at the 300-level or above:
2.7.3. Honours Sexuality, Marriage, and Family Studies

2. Sexuality, Marriage, and Family Studies Plan-level requirements:
- at least ten academic course units (20 courses) in SMF and Sexuality, Marriage, and Family Studies approved courses with a minimum cumulative average of 75%, including:
  - SMF 205, SMF 206, SMF 207, SMF 208, SMF 220, SMF 230, SMF 310, SMF 460
  - one of SMF 204; PSYCH 236
  - one of SMF 304, SMF 305, SMF 365
  - one of SMF 306, SMF 307, SMF 366; PSYCH 354/PSYCH 354R,
  - one of SMF 317/HIST 317, SMF 318/HIST 318, SMF 319
  - one of SMF 461, SMF 462
  - one of SMF 490, SMF 494, SMF 496, SMF 498
  - six additional courses from the balance of those courses above and the following SMF and Sexuality, Marriage, and Family Studies approved courses, including two at the 300-level or above:
    - two of DRAMA 397/FINE 378; ENGL 108E/WS 108E, ENGL 208C, ENGL 208E/WS 208E, ENGL 208N, ENGL 217; HIST 213, HIST 277,HIST 313; ITALST 111; JS 120/RS 111; PHIL 201, PHIL 202/WS 222, PHIL 210J, PHIL 219J, PHIL 318J; RS 150,RS 180, RS 254, RS 324, RS 325

Notes:
1. Students are encouraged to discuss their electives with the Sexuality, Marriage, and Family Studies academic advisor, make note of course prerequisites and discuss their SMF plan and course progression with the SMF academic advisor.
2. Students should plan to take an introductory HIST course prior to 3A to ensure requisites are met for SMF 317, SMF 318, or SMF 319.
3. No one course may fulfill more than one requirement within any Sexuality, Marriage, and Family Studies plan.
Honours Sexuality, Marriage, and Family Studies (Arts and Business Co-op and Regular)

2. Sexuality, Marriage, and Family Studies Plan-level requirements:
   - at least eight academic course units (16 courses) in SMF and Sexuality, Marriage, and Family Studies approved courses with a minimum cumulative average of 75%, including:
     - SMF 205, SMF 206, SMF 207, SMF 208, SMF 220, SMF 230, SMF 310, SMF 460
     - one of SMF 204; PSYCH 236
     - one of SMF 304, SMF 305, SMF 365
     - one of SMF 306, 307, 366; PSYCH 354/PSYCH 354R
     - one of SMF 317/HIST 317, SMF 318/HIST 318, SMF 319
     - one of SMF 461, SMF 462
     - one of SMF 490, SMF 494, SMF 496, SMF 498
     - two additional courses from the balance of those courses above and the following SMF and Sexuality, Marriage, and Family Studies approved courses:
       - one of DRAMA 397/FINE 378; ENGL 108E/WS 108E, ENGL 208C, ENGL 208E/WS 208E, ENGL 208N, ENGL 217; HIST 213, HIST 277, HIST 313; ITALST 111; JS 120/RS 111; PHIL 201, PHIL 202/WS 222, PHIL 210J, PHIL 219J, PHIL 318J; RS 150, RS 180, RS 254, RS 324, RS 325
       - ANTH 261; FINE 262/WS 262; GERON 220/HLTH 220; PSYCH 235, PSYCH 318; SDS 353R, SDS 354R; SMF 301, SMF 308, SMF 309, SMF 367, SMF 404, SMF 406, SMF 408; SOC 200, SOC 206/WS 209, SOC 209, SOC 275, SOC 325, SOC 355J, SOC 369J; SOCWK 321R/SOCWK 321R; no more than one of SOCWK 355R, SOCWK 357R, SOCWK 390A, SOCWK 390B; WS 101

3. Arts and Business requirements.

Notes:
1. Students are encouraged to discuss their electives with the Sexuality, Marriage, and Family Studies academic advisor, make note of course prerequisites and discuss their SMF plan and course progression with the SMF academic advisor.
2. Students should plan to take an introductory HIST course prior to 3A to ensure requisites are met for SMF 317, SMF 318, or SMF 319.
3. SMF 460 and SMF 461 include both a weekly seminar component and weekly practicum placement. Students in the Arts and Business Co-op plan are encouraged to discuss the timing of SMF 460 with the SMF academic advisor.
4. No one course may fulfill more than one requirement within any Sexuality, Marriage, and Family Studies plan.

Joint Honours Sexuality, Marriage, and Family Studies

2. Sexuality, Marriage, and Family Studies Plan-level requirements:
   - at least eight academic course units (16 courses) in SMF and Sexuality, Marriage, and Family Studies approved courses with a minimum cumulative average of 75%, including:
     - SMF 205, SMF 206, SMF 207, SMF 208, SMF 220, SMF 230, SMF 310, SMF 460
     - one of SMF 204; PSYCH 236
     - one of SMF 304, SMF 305, SMF 365
     - one of SMF 306, SMF 307, SMF 366; PSYCH 354/PSYCH 354R
     - one of SMF 317/HIST 317, SMF 318/HIST 318, SMF 319
     - one of SMF 461, SMF 462
     - one of SMF 490, SMF 494, SMF 496, SMF 498
     - two additional courses from the balance of those courses above and the following SMF and Sexuality, Marriage, and Family Studies approved courses:
       - one of DRAMA 397/FINE 378; ENGL 108E/WS 108E, ENGL 208C, ENGL 208E/WS 208E, ENGL 208N, ENGL 217; HIST 213, HIST 277, HIST 313; ITALST 111; JS 120/RS 111; PHIL 201, PHIL 202/WS 222; PHIL 210J, PHIL 219J, PHIL 318J; RS 150, RS 180, RS 254, RS 324, RS 325
111; PHIL 201, PHIL 202/WS 222, PHIL 210J, PHIL 219J, PHIL 318J; RS 150, RS 180, RS 254, RS 324, RS 325

3. Plan-level requirements for the second major.

Notes:
1. Students are encouraged to discuss their electives with the Sexuality, Marriage, and Family Studies academic advisor. Make note of course prerequisites and discuss their SMF plan and course progression with the SMF academic advisor.
2. Students should plan to take an introductory HIST course prior to 3A to ensure requisites are met for SMF 317, SMF 318, or SMF 319.
3. SMF 460 and SMF 461 include both a weekly seminar component and weekly practicum placement. Students in arts departmental co-op and joint honours plans are encouraged to discuss the timing of SMF 460 with the SMF academic advisor.
4. No one course may fulfill more than one requirement within any Sexuality, Marriage, and Family Studies plan.

2.7.6. Sexuality, Marriage, and Family Studies Minor
The Sexuality, Marriage, and Family Studies Minor requires successful completion of a minimum of four academic course units (eight courses) in SMF and Sexuality, Marriage, and Family Studies approved courses with a minimum cumulative average of 65%, including:
- SMF 206, SMF 207, SMF 310
- one of SMF 204; PSYCH 236
- one of SMF 317/HIST 317; SMF 318/HIST 318; SMF 319
- three additional courses from the following SMF and Sexuality, Marriage, and Family Studies approved courses, including one at the 300-level or above:
  - one of DRAMA 397/FINE 378; ENGL 108E/WS 108E, ENGL 208E/WS 208E, ENGL 208N, ENGL 217; HIST 213, HIST 277, HIST 313; ITALST 111; JS 120/RS 111; PHIL 201, PHIL 202/WS 222, PHIL 210J, PHIL 219J, PHIL 318J; RS 150, RS 180, RS 254, RS 324, RS 325

Notes:
1. Students are encouraged to discuss their electives with the Sexuality, Marriage, and Family Studies academic advisor. Make note of course prerequisites and discuss their SMF plan and course progression with the SMF academic advisor.
2. Students should plan to take an introductory HIST course prior to 3A to ensure requisites are met for SMF 317, SMF 318, or SMF 319.
3. No one course may fulfill more than one requirement within any Sexuality, Marriage, and Family Studies plan.

2.7.7. Diploma in Sexuality, Marriage, and Family Studies
The Diploma in Sexuality, Marriage, and Family Studies requires successful completion of a minimum of five academic course units (ten courses) in SMF and Sexuality, Marriage, and Family Studies approved courses with a minimum cumulative average of 65%, including:
- SMF 206, SMF 310
- one of SMF 204; PSYCH 236
- one of SMF 205, SMF 207
- two of SMF 304, SMF 305, SMF 306, SMF 307, SMF 365, SMF 366; PSYCH 354/PSYCH 354R
- one of SMF 317/HIST 317; SMF 318/HIST 318; SMF 319
- three additional courses from the balance of those courses listed above and the following SMF and Sexuality, Marriage, and Family Studies approved courses:
  - two of DRAMA 397/FINE 378; ENGL 108E/WS 108E, ENGL 208C, ENGL 208E/WS 208E, ENGL 208N, ENGL 217; HIST 213, HIST 277, HIST 313; ITALST 111; JS 120/RS 111; PHIL 201, PHIL 202/WS 222, PHIL 210J, PHIL 219J, PHIL 318J; RS 150, RS 180, RS 254, RS 324, RS 325

Notes:
1. Students are encouraged to discuss their electives with the Sexuality, Marriage, and Family Studies academic advisor. Make note of course prerequisites and discuss their SMF plan and course progression with the SMF Academic advisor.
2. Students should plan to take an introductory HIST course prior to 3A to ensure requisites are met for SMF 317, SMF 318, or SMF 319.
3. The Sexuality, Marriage, and Family Diploma is intended to be pursued on a part-time basis with limited online course offerings.
4. No one course may fulfill more than one requirement within any Sexuality, Marriage, and Family Studies plan.

Rationale: Currently some cross-listed courses are included and articulated within the Sexuality, Marriage, and Family (SMF) plans, while others are not. For consistency purposes and to ease course selection for students, we propose adding all current cross-listings to each SMF plan. Notes have been added to SMF plans to bring attention to important information that ought to be readily available to students re: prerequisites, course progression, and the SMF 460 capstone experience. FINE 262/WS 262 are not currently on the SMF approved list of courses, though ought to be given the course content - both Fine Arts and Women’s Studies have been contacted and have approved adding these courses to the list of SMF approved courses. Not all SMF courses/approved courses (e.g., SMF 208 in this plan) were listed under the “additional courses” section, but ought to be so that course options are clearly and consistently laid out for students within this section (of these, ENGL 208E/WS 208E was erroneously omitted from the 2014-15 calendar, so we ask that it be returned to the list of approved courses). In addition, the SMF independent study courses (SMF 404, 406, 408) were removed as these aren’t a readily available option for students and require department consent. Regarding ‘no more than’ one of: SOCWK 355R, SOCWK 357R, SOCWK 390A, SOCWK 390B - ‘No more than’ has been added to clarify that only one of these courses will count toward fulfilling an SMF plan requirement if the student happens to take more than one. DRAMA397/FINE378 and SOC 209 were inactivated and are therefore no longer offered.
3. **ACADEMIC PLAN INACTIVATIONS** [for approval]

3.1. *Dean of Arts*
   Effective date: September 1, 2015

3.1.1. **Arts and Business Co-op – Digital Arts Communication Specialization**
   Rationale: Due to low enrolment numbers in the current specialization in Digital Arts Communication within Arts and Business Co-op, it will be inactivated. Students in the specialization prior to the minor taking effect will be allowed to continue in the specialization until they graduate.

3.2. *English Language and Literature*
   Effective date: September 1, 2015

3.2.1. **Honours English – English Literature in a Global Literatures Context Specialization**
   Rationale: This plan is being inactivated in order to create a new plan with a new name: Honours English – Global Literatures Specialization. Students currently enrolled in this plan will be allowed to complete the requirements under this plan, whereas new students will enroll in the new plan.
4. NEW COURSES  (for approval)

4.1 Drama & Speech Communication

Effective 01-SEP-2015

DRAMA 206 (0.50) WSP Production Participation 1

Students work with faculty, staff, and visiting artists to explore and develop basic proficiency in specific areas of performance creation. Areas include research, conception, writing, direction, design, performance, production, stage management, production management, publicity, dramaturgy, critique, and documentation.

Rationale: This course is part of a program-wide effort to more explicitly distinguish among the levels and quantity of students' contributions to production activities. At this level, students will not have significant prior performance or production experience, in courses and in program productions. Students will make independent contributions in collaboration with the instructor. Department consent will allow faculty to assign students to an appropriate topic section according to students' interests and to ensure equitable distribution of opportunities among the student body. Department consent required.

Effective 01-SEP-2015

DRAMA 207 (0.50) WSP Production Participation 2

Students work with faculty, staff, and visiting artists to explore and develop basic proficiency in specific areas of performance creation. Areas include research, conception, writing, direction, design, performance, production, stage management, production management, publicity, dramaturgy, critique, and documentation.

Rationale: This course is part of a program-wide effort to more explicitly distinguish among the levels and quantity of students' contributions to production activities. At this level, students will not have significant prior performance or production experience, in courses and in program productions. Students will make independent contributions in collaboration with the instructor. Department consent will allow faculty to assign students to an appropriate topic section according to students' interests and to ensure equitable distribution of opportunities among the student body. Department consent required.

Effective 01-SEP-2015

DRAMA 246 (0.50) SEM Design for Performance

Students explore historical and current perspectives on the principles of design for performance.

Requisites: Prereq: Level at least 2A
Rationale: This course is being added as part of a program-wide effort to more explicitly recognize design as a core component of theatre and performance studies that links theory and concepts with implementation in production.

Effective 01-SEP-2015

DRAMA 248 (0.50) SEM Management for the Arts

Students explore a broad range of arts management concepts. Assignments take students' individual interests into account.

Requisites: Level at least 2A

Rationale: This course is being implemented to fill a gap from the previous curriculum to better enable students to be ready to take on management responsibilities in production by their third year. It is hoped this course may also be of wider interest to Arts and Business, DAC and Fine Arts students.

Effective 01-SEP-2015

DRAMA 280 (0.50) SEM Theatre and Performance in Canada

Students explore theatre and performance in Canada in its historical, political, and cultural contexts.

Requisites: Prereq: Level at least 2A

Rationale: DRAMA 280 has been created since DRAMA 380 has been removed as a cross-listing to ENGL 316, and this new course better reflects the manner in which the content has been recently taught, and better reflects the degree of preparedness students need to succeed in it.

Effective 01-SEP-2015

DRAMA 282 (0.50) SEM Gender and Performance

Students explore representations of gender on stage, in the media, and in politics.

Requisites: Prereq: Level at least 2A. Antireq: DRAMA 491 (Section 001) taken in Winter 2013

Rationale: This course, which has been taught as a topic in a DRAMA 491 Selected Seminar, offers students the opportunity to explore an important body of theory and performance work that has up to now not been represented in our program.

Effective 01-SEP-2015

DRAMA 284 (0.50) WSP Site-Specific Performance

Students explore performance sites as resources for creation.

Requisites: Prereq: Level at least 2A

Rationale: This course responds to Drama students' demonstrated interest in performance creation in non-traditional performance spaces and in theories
of place and space in theatre and performance studies.

Effective 01-SEP-2015
DRAMA 286 (0.50) SEM Early English Theatre
Students explore the early development and continuing relevance of English language theatre and performance practices.

Requisites: Prereq: Level at least 2A
Rationale: DRAMA 286 has been created because DRAMA 311 has been removed as a cross-listing to ENGL 361, and this new course better reflects the manner in which the content has been recently taught, and better reflects the degree of preparedness students need to succeed in it.

Effective 01-SEP-2015
DRAMA 288 (0.50) SEM Language, Theatre, and Performance
Students explore the relationship between language and meaning in historical and contemporary theatre and performance.

Requisites: Prereq: Level at least 2A
Rationale: This course is part of a program-wide effort to redress an imbalance in the existing curriculum. The body and material elements of production are well represented as core elements of communication in theatre and performance, but language is not.

Effective 01-SEP-2015
DRAMA 300 (0.50) SEM Theories of Theatre and Performance
Students study and critique a range of existing works of theatre and performance in the context of related commentary, paying close attention to concepts of knowledge, experience, and positionality.

Requisites: Prereq: Drama students only. Coreq: DRAMA 200
Rationale: This course redresses an imbalance in the existing curriculum and program requirements. Theatre practice is currently well-represented, but theory is not.

Effective 01-SEP-2015
DRAMA 316 (1.00) WSP Production Participation 5
Students work at an intermediate level with faculty, staff, and visiting artists to explore and increase proficiency through extensive contributions to specific areas of performance creation. Areas include research, conception, writing, direction, design, performance, production, stage management, production management, publicity, dramaturgy, critique, and documentation.

Requisites: Prereq: Drama students only. Antireq: DRAMA 306
Rationale: This course is part of a program-wide effort to more explicitly distinguish among the levels and quantity of students' contributions to production
activities. At this level, students will have some prior performance or production experience, either in courses or in program productions. Students make an extensive contribution to production under the close supervision of the instructor. Department permission allows faculty to assign students to an appropriate topic section according to students' interests and to ensure equitable distribution of opportunities among the student body. DRAMA 316 will be offered in the fall term. Department consent required.

**Effective 01-SEP-2015**

DRAMA 317 (1.00) WSP Production Participation 6

Students work at an intermediate level with faculty, staff, and visiting artists to explore and increase proficiency through extensive contributions to specific areas of performance creation. Areas include research, conception, writing, direction, design, performance, production, stage management, production management, publicity, dramaturgy, critique, and documentation.

Requisites: Prereq: Drama students only. Antireq: DRAMA 307

Rationale: This course is part of a program-wide effort to more explicitly distinguish among the levels and quantity of students' contributions to production activities. At this level, students will have some prior performance or production experience, either in courses or in program productions. Students will make an extensive contribution to production under the close supervision of the instructor. Department permission will allow faculty to assign students to an appropriate topic section according to students' interests and to ensure equitable distribution of opportunities among the student body. DRAMA 317 will be offered in the winter term. Department consent required.

**Effective 01-SEP-2015**

DRAMA 366 (0.50) WSP Writing for Performance

Students explore techniques for analyzing, interpreting, and creating texts for theatre and performance.

Requisites: Prereq: Level at least 3A. Antireq: DRAMA 490 (Section 002) taken in Fall 2011

Rationale: This course, which has been taught as a topic in a DRAMA 490 Selected Seminar, is part of a program-wide effort to redress an imbalance in the existing curriculum. The body and material elements of production are well represented as core elements of communication in theatre and performance, but language is not.

**Effective 01-SEP-2015**

DRAMA 368 (0.50) WSP Collaborative Creation

Students explore techniques for collaborative creation in theatre and performance.
Requisites: Prereq: DRAMA 200, 243, 244. Antireq: DRAMA 490 (Section 001) taken in Fall 2012

Rationale: This course, which has been taught as a topic in a DRAMA 490 Selected Seminar, offers students the opportunity to explore an important body of theory and performance work that has up to now been unrepresented in our program.

Effective 01-SEP-2015

DRAMA 374 (0.50) SEM Sustainability in Performance

Students explore the interchange between artistic practice and current topics in sustainability research.

Requisites: Prereq: Level at least 3A

Rationale: This course offers students the opportunity to explore an important body of theory and performance work that has up to now not been represented in our program.

Effective 01-SEP-2015

DRAMA 378 (0.50) SEM Black Theatre and Performance

Students explore the relationship of black theatre and performance to artistic and public life in North America.

Requisites: Prereq: Level at least 3A. Antireq: DRAMA 491 (Section 001) taken in Winter 2012

Rationale: This course, which has been taught as a topic in a DRAMA 491 Selected Seminar, offers students the opportunity to explore an important body of theory and performance work that has up to now not been represented in our program.

Effective 01-SEP-2015

DRAMA 379 (0.50) LAB, SEM Virtual Theatre and Performance

Students explore and create theatre and performance in virtual reality.

Requisites: Prereq: Level at least 3A

Rationale: This course offers students the opportunity to explore an important body of theory and performance work that has up to now not been represented in our program.

Effective 01-SEP-2015

DRAMA 400 (1.50) WSP Collaborative Performance Project

Students work at an advanced, independent level with faculty, staff, and visiting artists to create and reflect upon a major, collaborative performance project. As core members of the creative team, students engage in all areas of project creation, including research, conception, writing, direction, design, performance, production, stage management, production management, publicity, dramaturgy, critique, and

Rationale: This course is part of a program-wide effort to more explicitly distinguish among the levels and quantity of students' contributions to production activities. At this level, students will have significant prior performance or production experience, in courses and in program productions. Students will make extensive, independent contributions in leadership roles in collaboration with the instructor. Department permission will allow faculty to assign students to an appropriate topic section according to students' interests and to ensure equitable distribution of opportunities among the student body. DRAMA 400 will be offered in the fall term. Department consent required.

Effective 01-SEP-2015

DRAMA 410 (1.50) WSP Collaborative Performance Project

Students work at an advanced, independent level with faculty, staff, and visiting artists to create and reflect upon a major, collaborative performance project. As core members of the creative team, students engage in all areas of project creation, including research, conception, writing, direction, design, performance, production, stage management, production management, publicity, dramaturgy, critique, and documentation.


Rationale: This course is part of a program-wide effort to more explicitly distinguish among the levels and quantity of students' contributions to production activities. At this level, students will have significant prior performance or production experience, in courses and in program productions. Students will make extensive, independent contributions in leadership roles in collaboration with the instructor. Department permission will allow faculty to assign students to an appropriate topic section according to students' interests and to ensure equitable distribution of opportunities among the student body. DRAMA 410 will be offered in the winter term. Department consent required.

Effective 01-SEP-2015

DRAMA 416 (1.00) WSP Production Participation 9

Students work at an advanced, independent level with faculty, staff, and visiting artists to create and reflect upon a major, collaborative performance project. Through extensive contributions to production, students engage in all areas of project creation, including research, conception, writing, direction, design, performance, production, stage management, production management, publicity, dramaturgy, critique, and documentation.
Requisites:
Prereq: One of DRAMA 206, 207, 306, 307, 316, 317; Drama students only.
Antireq: DRAMA 400, 406

Rationale:
This course is part of a program-wide effort to more explicitly distinguish among the levels and quantity of students' contributions to production activities. At this level, students will have significant prior performance or production experience, in courses and in program productions. Students will make independent contributions in collaboration with the instructor. Department permission will allow faculty to assign students to an appropriate topic section according to students' interests and to ensure equitable distribution of opportunities among the student body. DRAMA 416 will be offered in the fall term. Department consent required.

Effective 01-SEP-2015
DRAMA 417 (1.00) WSP Production Participation 10

Students work at an advanced, independent level with faculty, staff, and visiting artists to create and reflect upon a major, collaborative performance project. Through extensive contributions to production, students engage in all areas of project creation, including research, conception, writing, direction, design, performance, production, stage management, production management, publicity, dramaturgy, critique, and documentation.

Requisites:
Prereq: One of DRAMA 206, 207, 306, 307, 316, 317; Drama students only.
Antireq: DRAMA 407, 410

Rationale:
This course is part of a program-wide effort to more explicitly distinguish among the levels and quantity of students' contributions to production activities. At this level, students will have significant prior performance or production experience, in courses and in program productions. Students will make independent contributions in collaboration with the instructor. Department permission will allow faculty to assign students to an appropriate topic section according to students' interests and to ensure equitable distribution of opportunities among the student body. DRAMA 417 will be offered in the winter term. Department consent required.

4.2 Economics

Effective 01-SEP-2015
ECON 100 (0.50) LEC Principles of Economics

This course provides an introduction to the basic concepts and tools of micro and macro economic analysis of individuals, businesses, and government in the global world. Topics may include consumers, producers, market structures, national income accounting, unemployment, inflation.

Requisites:
Antireq: ECON 101
Cross-listed as: COMM 103
Rationale:
To add a cross-listing, change course title, and course description. The
The course covers various topics in game theory. It discusses the concepts of Nash equilibrium, mixed strategies, and subgame perfect equilibrium in extensive games. Additional topics may include, but are not limited to, Bayesian games, coalitional games, extensive games with imperfect information, evolutionary games, and repeated games. Applications of game theory could include the Cournot model, the Bertrand model, electoral competition, auctions, bargaining and others.

Effective 01-SEP-2015

ECON 412 (0.50)  LEC  Game Theory

Prereq: ECON 301; Level at least 3B Honours Economics, Honours Applied Economics, Honours Mathematical Economics (BA and BMATH), JointHonours Economics, or Science Biotechnology/Economics students. Antireq: CO 456, ECON 483-Topic 16 (Special Topics in Game Theory)

Rationale: Game Theory is an important development of modern economics and many schools have been offering courses in Game Theory in their undergraduate economics curriculum. This new course enriches our economic offerings and provides students with valuable learning experience in this new field. This new course was initially approved at UGAG #2, but at their March 4, 2014, meeting, SUC suggested adding CO 456 (Introduction to Game Theory) as an additional antirequisite and removing the reference to specific terms when ECON 483 has been offered. These changes improve the pedagogical value, as students have a better understanding of the course requisites.

4.3 English Language & Literature

Effective 01-SEP-2015

ENGL 210G (0.50)  LEC  Grant Writing

Prereq: Level at least 2A

Rationale: This course is being created to support the new Technical Writing minor. Grant writing is an important and defined area within the technical
communication field. Students in many disciplines may find this course useful.

Effective 01-SEP-2015
ENGL 210J (0.50) LEC Technical Editing
This course will introduce students to practices and tools of technical editing, such as language and format editing, verification and fact-checking, style guide consistency, discourse appropriateness, and the use of profession-specific software.

Requisites :
Prereq: Level at least 2A

Rationale :
This course is being created to support the Technical Writing minor.

Effective 01-SEP-2015
ENGL 280 (0.50) LEC Literatures of Migration
This course explores the literatures of one or more diasporic communities in North America (for example, African, Asian, Caribbean, Middle Eastern, South Asian) and topics such as memory, generational difference, and cultural hybridity.

Requisites :
Prereq: Level at least 2A

Rationale :
This proposed new course will be part of the revised Global Literatures Specialization. The description is designed to allow for an offering that either chooses one diasporic literature group for extensive study, or explores a number of diasporic literature groups comparatively.

Effective 01-SEP-2015
ENGL 291 (0.50) LEC Global Literatures
How has border-crossing shaped the field of English literary studies? In this course, students will discuss works of literature from around the world that explore such themes as colonialism, migration, transnationalism, and the global.

Requisites :
Prereq: Level at least 2A

Rationale :
ENGL 291 will be the required foundational course for the revised Global Literatures Specialization.

Effective 01-SEP-2015
ENGL 472 (0.50) LEC Research Methods in Technical Communication
This course teaches students the practice and theory of research methods in the field of technical and professional communication. Topics may include resource validity and renewal cycles, data-gathering techniques and analytics, interview techniques for subject-matter experts, rapid research skills, and user-experience design.

Requisites :
Prereq: Level at least 3A

Rationale :
This course is being created to support the Technical Writing minor. Co-op employers and alumni have indicated that the course and minor will have high value for graduates.
4.4 Renison University College

Effective 01-SEP-2015

EASI 302R (0.50) LEC, SEM Chinese Foreign Policy since 1949
This course examines the major elements and evolution of Chinese foreign policy since 1949, and China's external relations in the context of rising Chinese power.

Course Attributes: Offered at Renison University College
Requisites: Prereq: Level at least 2A
Rationale: This course is designed to cover an important aspect of East Asian Studies, which will make the curriculum of the East Asian Studies program more comprehensive.

5. COURSE CHANGES (for approval)

5.1 Anthropology

Current Catalog Information
ANTH 370 (0.50) LEC Issues in Contemporary Native Communities in Canada
Selected aspects of the contemporary native experience as defined by the local native community. The topics examined will be placed in historical perspective. Specially selected course lecturers will be representative of the wider native community.
No Special Consent Required
Cross-listed as: NATST 370
Effective 01-SEP-2015
Subject/Catalog Nbr Change: ANTH 272
Description Change: An examination of First Nations and Métis cultures and cultural development from the perspective of local native communities. The course will feature lectures, discussions and occasional guest speakers representative of the wider native community.
Rationale: To change catalog number and description. This course will be a foundational course that introduces the student to the basic topics and challenges of native communities, and thus prepares students for further studies in upper-year courses. Given the intended nature of the course, it is more appropriate for it to be a 200-level course as opposed to a 300-level course. The change is supported by the Department of Anthropology and St. Paul's University College.

5.2 Dean of Arts

Current Catalog Information
DAC 201 (0.50) LEC Designing Digital Images and Hypertext

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This course draws on multiple theoretical perspectives to introduce students to the fundamental principles of multi-modal communication design in its social context. Students will analyze, design, and produce images and hypertext for use in a variety of digital platforms, including e-learning and business applications. [Note: For Arts and Business Co-op students: The materials produced in this course will become part of a student's ongoing Digital Portfolio.]

No Special Consent Required

Requisites:
- Prereq: Level at least 2A Arts and Business Co-op students. Antireq: GBDA 101

Cross-listed as:
- ENGL 203

Effective 01-SEP-2015

Description Change:
This course draws on multiple theoretical perspectives to introduce students to the fundamental principles of multi-modal communication design in its social context. Students will analyze, design, and produce images and interactivity for use in a variety of digital platforms, including e-learning and business applications.

Requisite Change:
- Prereq: Digital Arts Communication Minor students only. Antireq: GBDA 101

Rationale:
To remove note, change description, and change prerequisite to DAC 201. The removal of the note and the change in prerequisite (no change to ENGL 203) are proposed because of the change in the Digital Arts Communication plan from specialization to minor. Minor wording change made to reflect what is currently being taught in this course.

Current Catalog Information

DAC  202  (0.50)  LEC  Designing Digital Video
This course introduces students to the principles of designing time-based multi-modal communication in a social context. Students will analyse, design, and produce video for use in a variety of digital platforms, including e-learning and business applications. [Note: For Arts and Business Co-op students: DAC 201 recommended. The materials produced in this course will become part of a student's ongoing Digital Portfolio.]

No Special Consent Required

Requisites:
- Prereq: Level at least 2A Arts and Business Co-op students. Antireq: GBDA 201, 202.

Cross-listed as:
- ENGL 204

Effective 01-SEP-2015

Description Change:
This course introduces students to the principles of designing time-based multi-modal communication in a social context. Students will analyse, design, and produce video for use in a variety of digital platforms, including e-learning and business applications.

Requisite Change:
- Prereq: Digital Arts Communication Minor students only. Antireq: GBDA 201, 202.

Rationale:
To remove note, change prerequisite of DAC 202. The removal of the note and the change in prerequisite are proposed because of the change in the Digital Arts Communication plan from specialization to minor (no requisite
change to ENGL 204).

Current Catalog Information
DAC 301 (0.50) LEC Designing with Digital Sound
In this course, students will be introduced to sound analysis and production. Students will learn to record, edit, and implement sound in a variety of linear and non-linear media forms, with emphasis on film and video games.
No Special Consent Required
Cross-listed as: ENGL 304
Effective 01-SEP-2015
Subject/Catalog Nbr Change: DAC 203
Description Change: In this course, students will be introduced to sound analysis and production. Students will learn to record, edit, and implement sound in a variety of linear and non-linear media forms, with emphasis on film and video games.
Requisite Change: Prereq: Digital Arts Communication Minor students only. Antireq: DAC 301
Rationale: To remove attribute, change prerequisite of DAC 301, add antirequisites to DAC 203/ENGL 304, and to change number of DAC 301. The numbering is being changed (from DAC 301 to DAC 203 - no number change to ENGL 304) to reflect the parallel this course has in foundational concepts which are taught in other 200-level DAC courses. The "Arts and Business Co-op students only" prerequisite of DAC 301 is being replaced because of the plan change from a specialization to a minor; an antirequisite of DAC 301 is being added to both courses as it is the former number of DAC 203. The "Also offered Online" attribute is being removed because there are no plans to do so in the future.

Current Catalog Information
DAC 300 (0.50) LEC Special Topics in Digital Design
In this course students will learn advanced digital design theory. They will participate in workshops with professional designers, develop specialized digital materials and contribute signature work to their Digital Portfolio.
No Special Consent Required
Requisites: Prereq: Arts and Business Co-op students only. Cross-listed as: ENGL 303 SPCOM 300
Effective 01-SEP-2015
Requisite Change: Prereq: Digital Arts Communication Minor students only
Rationale: To change prerequisite of DAC 300 (not to ENGL 303 or SPCOM 300). The change in the DAC 300 prerequisite is proposed because of the change in the Digital Arts Communication plan from specialization to minor.

Current Catalog Information
DAC 302 (0.50) LEC Machinima as Digital Storytelling
This course teaches students the principles and practices of telling stories using Machinima: namely, the use of 3D computer graphic engines to design short movies. Students will learn to develop and present story ideas, create storyboards, write
short scripts, and then render their narratives using a variety of digital techniques and tools. 

No Special Consent Required 
Requisites : Prereq: Arts and Business Co-op students only. Antireq: DAC 400/DAC 300/ENGL 403 taken in Spring 2011.

Effective 01-SEP-2015 
Requisite Change : Prereq: Digital Arts Communication Minor students only. Antireq: DAC 400/DAC 300/ENGL 403 taken in Spring 2011
Rationale : To change prerequisite. The change in prerequisite is proposed because of the change in plan from specialization to minor.

Current Catalog Information 
DAC 305 (0.50) LEC Design for Interactive Games
This course introduces fundamental design skills for two-dimensional interactive media, with special attention on video games. Students will learn to theorize, design, prototype, and test digital interactive creations as a form of entertainment and communication. 
No Special Consent Required 
Requisites : Prereq: Level at least 3A Arts and Business Co-op students only. 

Effective 01-SEP-2015 
Requisite Change : Prereq: Digital Arts Communication Minor students only
Rationale : To change prerequisite. The change in prerequisite is proposed because of the change in plan from specialization to minor.

Current Catalog Information 
DAC 307 (0.50) LEC Digital Display Systems
This course focuses on the creative, technical, and artistic challenges inherent to creating visual content (film, photos, graphics) for the increasingly ubiquitous out-of-home digital displays. The size, configuration, placement, and functions of these public digital displays require new artistic and technical techniques to fully exploit their capabilities. In the course, students will explore the design affordances of several types of public digital display as well as produce dynamic, interactive content for them. 
No Special Consent Required 
Requisites : Prereq: Arts and Business Co-op students only. 

Effective 01-SEP-2015 
Requisite Change : Prereq: Digital Arts Communication Minor students only
Rationale : To change prerequisite. The change in prerequisite is proposed because of the change in plan from specialization to minor.

Current Catalog Information 
DAC 308 (0.50) LEC Cinematic Art and Practice
This course explores film studies from a production perspective. Through the art of imitation, students will explore some of the major artistic, technical, and communicative advances in film history and turn this knowledge toward (re-)creating and modifying key cinematic techniques in their own productions. Students will learn
an explicit and replicable theoretical vocabulary for analysing film technique, as
well as engage in practice by creating short films of their own, illustrating,
extending, and modifying those same techniques.

No Special Consent Required

Requisites : Prereq: Arts and Business Co-op students only.

Effective 01-SEP-2015

Requisite Change : Prereq: DAC 202; Digital Arts Communication Minor students only
Rationale :
To change prerequisite. The prerequisite “Digital Arts Communication Minor
students only” is proposed because of the change in plan from
specialization to minor. The addition of a prerequisite of DAC 202 will
ensure students have the knowledge required to be successful in this
course.

Current Catalog Information

DAC 309 (0.50) LEC User Experience Design
This course introduces students to the theory and practice of user experience design
as it applies to the design of interactive digital media. Topics will include
user-centred design, personas, iterative testing, prototyping, information gathering
interviews, and contextual inquiry.
No Special Consent Required
Requisites : Prereq: Arts and Business Co-op students only. Antireq: DAC 300/ENGL 303
taken in Winter 2013, GBDA 103

Effective 01-SEP-2015

Requisite Change : Prereq: Digital Arts Communication Minor students only. Antireq: DAC
300/ENGL 303 taken in Winter 2013 or Winter 2014, GBDA 103
Rationale :
To change prerequisite and add antirequisite. The change in prerequisite is
proposed because of the change in plan from Digital Arts Communication
specialization to Digital Arts Communication minor. The antirequisite is
being changed to reflect another offering of this subject matter under the
course code DAC 300/ENGL 303.

Current Catalog Information

DAC 329 (0.50) LEC Digital Presentations
In this course, students will be introduced to design and production of digital
business presentations. They will develop specialized digital materials and
contribute work to their Digital Portfolio.
No Special Consent Required
Requisites : Prereq: Level at least 3A Arts and Business Co-op students only.
Cross-listed as: SPCOM 329

Effective 01-SEP-2015

Requisite Change : Prereq: Digital Arts Communication Minor students only
Rationale :
To change prerequisite of DAC 329 (no change to SPCOM 329). The change in
the DAC 329 prerequisite is proposed because of the change in Digital Arts
Communication plan from specialization to minor.
Effective  01-SEP-2015
Subject/Catalog Nbr Change:  DAC 400
Unit Change:  ( 0.50 )
Component Change:  PRJ
Title Change:  Digital Design Research Project
Description Change:  Students work in small groups under the supervision of a faculty researcher on an ongoing, large-scale, digital design project.
Consent Change:  No Special Consent Required
Requisite Change :  Prereq: ENGL 293, Digital Arts Communication Minor students only
New Cross Listing :  ENGL 403
Rationale :  To readd DAC 400 cross-listing. Readding DAC 400, which was previously removed (1/1/2013), will provide an additional course for Digital Arts Communication students pursuing the new minor. Added prerequisite "Digital Arts Communication Minor students only" to DAC 400, but not ENGL 403.

Current Catalog Information
DAC  403 ( 0.50 )  LEC  Special Topics in Speech Communication and Technology
In this course students will learn advanced digital design theory as it applies to speech communication. They will develop specialized digital materials and contribute work to their Digital Portfolio.
No Special Consent Required
Requisites :  Prereq: Level at least 3A Arts and Business Co-op students only.

Effective  01-SEP-2015
Requisite Change :  Prereq: Digital Arts Communication Minor students only
Rationale :  To change prerequisite. The change in prerequisite is proposed because of the change in plan from specialization to minor.

5.3  Drama & Speech Communication

Current Catalog Information
DRAMA  101B  ( 0.50 )  LEC  Introduction to the Theatre 2
An extension of the studies described in 101A.
No Special Consent Required

Effective  01-SEP-2015
Subject/Catalog Nbr Change:  DRAMA100
Component Change:  WSP
Title Change:  Introduction to Theatre
Description Change:  This course introduces students to the processes of text-based theatre creation and production. Students produce an existing play text by developing and implementing an original conceptual approach. Prior experience in theatre-making is not required. [Note: Formerly DRAMA 101B.]
Requisite Change :  Being removed
Rationale: To change catalog number, title, description, components, and remove prerequisite. The revised description and component better reflect the content of the course as it is currently being taught. The number and title have been changed to avoid the impression that this course is a continuation of another course. The prerequisite (DRAMA 101A) is being dropped to encourage more students to take it.

Current Catalog Information
DRAMA 102 (0.50) LAB Introduction to Performance
Designed for majors in Drama and in Speech Communication, this workshop introduces the student to the tools of performance. Students will gain confidence through individual and group exercises in physical and emotional awareness, improvisational skills, scene study, character creation and voice. [Note: Must attend first class. May be subject to priority enrolment.]
No Special Consent Required
Requisites: Coreq: DRAMA 101A
Cross-listed as: SPCOM 102
Effective 01-SEP-2015
Component Change: WSP
Description Change: This workshop course introduces students to the creative processes of performance in a range of formal and informal settings. Emphasis is placed on the student's development as a performer. Prior performance experience is not required.
Requisite Change: Being removed
Rationale: To change description, course component, and remove the corequisite on DRAMA 102. This revised description and component better reflect the content of the course as it is currently being taught. The note and requisite are being removed to make the course more accessible to students from all backgrounds interested in performance. The prerequisite for SPCOM 102 is not being removed.

Current Catalog Information
DRAMA 101A (0.50) LEC Introduction to the Theatre 1
Introductory study of the theatre as a major art form. Selected plays as produced in their historical contexts. Contributions of the actor, designer and technician to theatrical production.
No Special Consent Required
Effective 01-SEP-2015
Subject/Catalog Nbr Change: DRAMA200
Title Change: Theatre and Performance in Context
Description Change: Students experience, analyze, and interpret a range of works of theatre and performance. Close attention is paid to the original circumstances in which these works were produced, the ways in which they have reflected and influenced the communities that produced them, and their relevance to current performance practice and research. [Note: Formerly DRAMA 101A.]
Rationale : To change title, catalog number, and description. These revisions better reflect the content of the course as it is currently being taught, and the degree of preparedness students need to succeed in it. The online offering of the course is being removed as it no longer corresponds to the in-class version of this course.

Current Catalog Information
DRAMA 221 (0.50) LAB Intermediate Acting 1
An extension of DRAMA 102. This course stresses development of the actor through scene study. [Note: Audition required.]
Instructor Consent Required
Requisites : Prereq: DRAMA 101A or 101B, and DRAMA 102/SPCOM 102

Effective 01-SEP-2015
Component Change: WSP
Title Change: Performing Text
Description Change: Students explore techniques to analyze, interpret, and perform texts.
Consent Change: No Special Consent Required
Requisite Change : Prereq: DRAMA 102/SPCOM 102
Rationale : To change title, description, components, consent and prerequisite. These revisions better reflect the content and conduct of the course as it is currently being taught. DRAMA 101A and 101B are being removed from the prerequisite and consent is being removed to make access consistent with the pedagogical philosophy of our liberal arts (rather than conservatory) program and with the means of access to other courses in the program.

Current Catalog Information
DRAMA 222 (0.50) LAB Intermediate Acting 2
An extension of DRAMA 221. [Note: Audition required.]
Instructor Consent Required
Requisites : Prereq: DRAMA 221

Effective 01-SEP-2015
Component Change: WSP
Title Change: Performing the Body
Description Change: Students explore techniques to access and develop the body as a resource for performance.
Consent Change: No Special Consent Required
Requisite Change : Prereq: DRAMA 102/SPCOM 102
Rationale : To change title, description, components, prerequisite, and remove consent. The title and component revisions better reflect the content and conduct of the course as it is currently being taught. Requisites are being changed and the audition requirement/instructor consent is being removed to make access consistent with the pedagogical philosophy of our liberal arts (rather than conservatory) program and with the means of access to other courses in the program.
Current Catalog Information

DRAMA  243 ( 0.50 )  LAB, LEC  Introduction to Technical Production 1
Theory and practice of building, painting, rigging and shifting scenery; construction of properties; familiarity with lighting instruments, sound equipment and their control systems. Students must spend a certain number of hours working on department productions.
No Special Consent Required
Requisites : Prereq: DRAMA 101A, 101B, DRAMA 102/SPCOM 102
Effective  01-SEP-2015
Title Change: Technical Production 1
Description Change: Students develop basic proficiency in the technical elements of live theatre and performance production, including carpentry, lighting, projection, sound, wardrobe, and properties. Students apply these concepts in a departmental production.
Rationale : Prereq: DRAMA 100
Rationale : To change title, description, and prerequisite. The title, description, and requisite revisions better reflect the content of the course as it is currently being taught, and the learning outcomes students achieve in it.

Current Catalog Information

DRAMA  244 ( 0.50 )  LAB  Introduction to Technical Production 2
An extension of the studies described in DRAMA 243.
No Special Consent Required
Requisites : Prereq: DRAMA 243
Effective  01-SEP-2015
Title Change: Technical Production 2
Description Change: Students develop intermediate proficiency in the technical elements of live theatre and performance production, including carpentry, lighting, projection, sound, wardrobe, and properties. Students apply these concepts in a departmental production.
Requisite Change : Prereq: DRAMA 100, 243
Rationale : To change title, description, and prerequisite. The title, description, and requisite revisions better reflect the content of the course as it is currently being taught, and the learning outcomes students achieve in it.

Current Catalog Information

DRAMA  405 ( 0.50 )  LEC, SEM  Theatre and the New Media
The primary objective of this course is to investigate ways in which new media technologies have been, and can be, applied in theatrical practice. It examines the range of opportunities and challenges this synthesis poses and provides students with some of the insights and skills required to apply new media technologies in a theatrical context. On the basis of such practical and theoretical study, students will also engage in projects which explore creatively the coalition between theatre and the new media.
No Special Consent Required

**Effective 01-SEP-2015**

Subject/Catalog Nbr Change: DRAMA 278
Title Change: Theatre and Technology
Description Change: Students explore the development of theatre technologies and their significance in historical and current performance contexts. [Note: Formerly DRAMA 405.]
Requisite Change: Prereq: Level at least 2A
Rationale: To change title, catalog number, description, and prerequisite. The revised level, title and description better reflect the content of the course as it is currently being taught, and the degree of preparedness students need to succeed in it.

### Current Catalog Information

**DRAMA 301 (0.50) LEC** Dramaturgical Analysis
On the basis of selected readings and practical exercises this course introduces students to various aspects of dramaturgical work in the theatre, close textual analysis, script editing, performance history, background research, play development dramaturgy, program design, publicity dramaturgy, and production dramaturgy. Students will have the opportunity to apply these skills to the plays chosen for the year's season.
No Special Consent Required
Requisites: Prereq: DRAMA 101A, 101B, DRAMA 102/SPCOM 102

**Effective 01-SEP-2015**

Component Change: WSP
Title Change: Performance Creation
Description Change: Students study, apply, and critique a range of processes for making theatre and performance, paying close attention to the relationship between the approach to creation and the significance of works in the communities where they are performed.
Requisite Change: Prereq: Drama students only. Coreq: DRAMA 200
Rationale: To change title, description, components, and requisites. The title, description, requisite, and component revisions better reflect the content of the course as it is currently being taught, and the qualifications students need to succeed in it.

### Current Catalog Information

**DRAMA 306 (0.50) LAB** Spec Studies: Theatre Prod 1
Production participation and the study of selected problems of theatrical production.
Department Consent Required

**Effective 01-SEP-2015**

Component Change: WSP
Title Change: Production Participation 3
Description Change: Students work at an intermediate level with faculty, staff, and visiting artists to explore and increase proficiency in specific areas of
performance creation. Areas include research, conception, writing, direction, design, performance, production, stage management, production management, publicity, dramaturgy, critique, and documentation.

Requisite Change:
Prereq: Drama students only. Antireq: DRAMA 316

Rationale:
To change title, description, component, requisites, and change topic rules. DRAMA 306 is being revised as part of a program-wide effort to more explicitly distinguish among the levels and quantity of students' contributions to production activities. At this level, students will have some prior performance or production experience, either in courses or in program productions, and close supervision is provided by the instructor. The revisions to title, description, component, requisite and repeat for credit better reflect the role of the course in the new curriculum structure. Department permission will allow faculty to assign students to an appropriate topic section according to students' interests and to ensure equitable distribution of opportunities among the student body. Students will no longer be able to repeat this course for credit. DRAMA 306 will be offered in the fall term. Department consent required.

Current Catalog Information

DRAMA 306 (0.50) LAB
Spec Studies: Theatre Prod 2
Production participation and the study of selected problems of theatrical production.
Department Consent Required

Effective 01-SEP-2015

Component Change: WSP
Title Change: Production Participation 4
Description Change: Students work at an intermediate level with faculty, staff, and visiting artists to explore and increase proficiency in specific areas of performance creation. Areas include research, conception, writing, direction, design, performance, production, stage management, production management, publicity, dramaturgy, critique, and documentation.

Requisite Change:
Prereq: Drama students only. Antireq: DRAMA 316

Rationale:
To change title, description, component, requisites, and change topic rules. DRAMA 306 is being revised as part of a program-wide effort to more explicitly distinguish among the levels and quantity of students' contributions to production activities. At this level, students will have some prior performance or production experience, either in courses or in program productions, and close supervision is provided by the instructor. The title, description, component, requisite, and repeat for credit revisions better reflect the role of the course in the new curriculum structure. Department permission will allow faculty to assign students to an appropriate topic section according to students' interests and to ensure equitable distribution of opportunities among the student body. Students will no longer be able to repeat this course for credit. DRAMA 306 will be offered in the winter term. Department consent required.

Current Catalog Information
DRAMA 321 (0.50) LAB  Advanced Acting I
Advanced work in acting. Course involves individual and ensemble work in selections from specific plays with attention given to various periods and styles in acting.
[Note: Audition required.]
Instructor Consent Required
Requisites:
Prereq: DRAMA 221, 222

Effective 01-SEP-2015
Component Change: WSP
Title Change: Approaches to Acting with Text
Description Change: Students apply conceptual and theoretical approaches to acting in traditions emphasizing the text as a resource for performance.
Consent Change: No Special Consent Required
Requisite Change: Prereq: DRAMA 221 or 222
Rationale: To change title, description, components, prerequisite, and remove instructor consent. The title and component revisions better reflect the content and conduct of the course as it is currently being taught. Requisites and notes are being changed, and the audition requirement is being removed, to make access consistent with the pedagogical philosophy of our liberal arts (rather than conservatory) program and with the means of access to other courses in the program.

Current Catalog Information
DRAMA 322 (0.50) LAB  Advanced Acting 2
An extension of the studies described in DRAMA 321. [Note: Audition required.]
Instructor Consent Required
Requisites:
Prereq: DRAMA 321

Effective 01-SEP-2015
Component Change: WSP
Title Change: Approaches to Acting with the Body
Description Change: Students apply conceptual and theoretical approaches to performance in traditions emphasizing the body as a resource for performance.
Consent Change: No Special Consent Required
Requisite Change: Prereq: DRAMA 221 or 222
Rationale: To change title, description, components, prerequisite, and remove instructor consent. The title and component revisions better reflect the content and conduct of the course as it is currently being taught. Requisites and notes are being changed, and the audition requirement is being removed, to make access consistent with the pedagogical philosophy of our liberal arts (rather than conservatory) program and with the means of access to other courses in the program.

Current Catalog Information
DRAMA 326 (0.50) LAB  Voice Technique
A workshop course in voice for the speaker, designed to increase vocal power, range, flexibility and variety in presenting the spoken word. May be subject to priority
enrolment.

Instructor Consent Required

Requisites : Prereq: DRAMA 102/SPCOM 102 or SPCOM 223/DRAMA 223

Cross-listed as: SPCOM 326

Effective 01-SEP-2015

Component Change: WSP

Title Change: Performing the Voice

Description Change: Students explore techniques to access and develop the voice as a resource for performance.

Consent Change: No Special Consent Required

Requisite Change : Prereq: DRAMA/SPCOM 102; one of DRAMA 221, DRAMA 222, SPCOM 223; Level at least 3A

Rationale : To change title, description, components, prerequisite, and remove instructor consent. The title and component revisions better reflect the content and conduct of the course as it is currently being taught. Requisites and notes are being changed to make access consistent with the pedagogical philosophy of our liberal arts (rather than conservatory) program and with the means of access to other courses in the program. The requisite for SPCOM 326 is not being changed.

Current Catalog Information

DRAMA 331 (0.50) STU

Design for the Theatre 1

An introduction to the problems of designing for the theatre. Work for the course will include the preparation of drawings and models as well as practical experience in the theatre.

Instructor Consent Required

Requisites : Prereq: DRAMA 243 and 244

Cross-listed as: FINE 335

Effective 01-SEP-2015

Component Change: WSP

Title Change: Design Theory and Practice

Description Change: Students apply conceptual and theoretical approaches to design in the areas of set/space, light, projection, and costume.

Consent Change: No Special Consent Required

Requisite Change : Prereq: DRAMA 200, 243, 244, 246

Rationale : To change title, description, component, prerequisite, and remove instructor consent. The title and component revisions better reflect the content and conduct of the course as it is currently being taught. Requisites and consent are being changed to make access consistent with the pedagogical philosophy of our liberal arts (rather than conservatory) program and with the means of access to other courses in the program. The prerequisite for FINE 335 is not being changed.

Current Catalog Information

DRAMA 343 (0.50) LAB, LEC

Theatre Management and Technology 1

The theory and practice of theatre technology. Special attention will be given to
stage management, production management and house management. The course is an integral part of the departmental production season.

Department Consent Required

Requisites: Prereq: DRAMA 243, 244

Effective 01-SEP-2015

Component Change: SEM
Title Change: Stage Management
Description Change: Students explore approaches to stage management for theatre and performance.
Consent Change: No Special Consent Required
Requisite Change: Prereq: DRAMA 243, 244, 248

Rationale: To change title, description, component, prereq, and remove department consent. The revised title, description, and component better reflect the way in which the course is currently being taught. The addition of DRAMA 248 as a prerequisite will give students the knowledge required to be successful in this course. The prereqs should ensure students are well prepared for this course so consent is being removed.

**Current Catalog Information**

DRAMA 361 (0.50) LEC Directing 1
Exploration of the director's task in its practical, theoretical and historical aspects.
Instructor Consent Required

Effective 01-SEP-2015

Component Change: WSP
Title Change: Approaches to Directing
Consent Change: No Special Consent Required
Requisite Change: Prereq: DRAMA 200, 243, 244; Drama students only

Rationale: To change title, components, prerequisites, and remove instructor consent. The title and component revisions better reflect the content and conduct of the course as it is currently being taught. Requisites and consent are being changed to make access consistent with the pedagogical philosophy of our liberal arts (rather than conservatory) program and with the means of access to other courses in the program.

**Current Catalog Information**

DRAMA 402 (0.50) SEM Political Theatre
Considers the politics of governing, religion, family, marriage, work, race, gender and sexual orientation as they are expressed and commented on in a variety of contemporary, international play texts. Class discussion focuses on both the texts and the society that gave rise to each playwright's passions.
No Special Consent Required

Effective 01-SEP-2015

Subject/Catalog Nbr Change: DRAMA376
Title Change: Political Theatre and Performance
Description Change: Students explore the relationships among form, political engagement,
Requisite Change:
Prereq: Level at least 3A

Rationale:
To change title, catalog number, description, and prerequisite. The revised title and description better reflect the way in which the course is currently being taught. The revised number and requisite make the course accessible to interested students earlier so they can continue to develop stage management skills in 300- and 400-level production participation courses.

Current Catalog Information
DRAMA  386  (0.50)  LEC  Shakespeare 1
A study of the plays written before 1599-1600, excluding Julius Caesar.
No Special Consent Required
Requisites:
Prereq: Level at least 2A
Cross-listed as:
ENGL  362

Effective 01-SEP-2015
Requisite Change:
Prereq: Level at least 3A
Rationale:
To change prerequisite for DRAMA 386. The revised prerequisite better reflects the level of preparedness needed to succeed in the course and the revised prerequisite is in line with the ENGL 362 (cross-listed course) prerequisite, which are not being changed.

Current Catalog Information
DRAMA  387  (0.50)  LEC  Shakespeare 2
A study of the plays written after 1599-1600, including Julius Caesar.
No Special Consent Required
Requisites:
Prereq: Level at least 2A
Cross-listed as:
ENGL  363

Effective 01-SEP-2015
Requisite Change:
Prereq: Level at least 3A
Rationale:
To change prerequisite for DRAMA 387. The revised prerequisite better reflects the level of preparedness needed to succeed in the course and is in line with the ENGL 363 (cross-listed course) prerequisite, which are not being changed.

Current Catalog Information
DRAMA  406  (0.50)  LAB  Theatre Workshop 1
Participation in stage production for advanced students.
Department Consent Required

Effective 01-SEP-2015
Component Change: WSP
Title Change: Production Participation 7
Description Change: Students work at an advanced, independent level with faculty, staff, and visiting artists to create and reflect upon a major, collaborative performance project. Students engage in all areas of project creation, including research, conception, writing, direction, design, performance,
production, stage management, production management, publicity, dramaturgy, critique, and documentation.

Requisite Change:
Prereq: One of DRAMA 206, 207, 306, 307, 316, 317; Drama students only.
Antireq: DRAMA 400, 416

Rationale:
To change title, description, component, requisites, and change topic rules. DRAMA 406 is part of a program-wide effort to more explicitly distinguish among the levels and quantity of students' contributions to production activities. At this level, students will have significant prior performance or production experience, in courses and in program productions. Students will make independent contributions in collaboration with the instructor. Department permission will allow faculty to assign students to an appropriate topic section according to students' interests and to ensure equitable distribution of opportunities among the student body. Students will no longer be able to repeat this course for credit. DRAMA 406 will be offered in the fall term. Department consent required.

Current Catalog Information

DRAMA  407  ( 0.50 )  LAB  Theatre Workshop 2
Participation in stage production for advanced students.
Department Consent Required

Effective  01-SEP-2015
Component Change: WSP
Title Change: Production Participation 8
Description Change: Students work at an intermediate level with faculty, staff, and visiting artists to explore and increase proficiency in specific areas of performance creation. Areas include research, conception, writing, direction, design, performance, production, stage management, production management, publicity, dramaturgy, critique, and documentation.
Requisite Change:
Prereq: One of DRAMA 206, 207, 306, 307, 316, 317; Drama students only.
Antireq: DRAMA 410, 417
Rationale:
To change title, description, component, requisites, and change topic rules. This course is part of a program-wide effort to more explicitly distinguish among the levels and quantity of students' contributions to production activities. At this level, students will have significant prior performance or production experience, in courses and in program productions. Students will make independent contributions in collaboration with the instructor. Department permission allows faculty to assign students to an appropriate topic section according to students' interests and to ensure equitable distribution of opportunities among the student body. Students will no longer be able to repeat this course for credit. DRAMA 407 will be offered in the winter term. Department consent required.

Current Catalog Information

DRAMA  490  ( 0.50 )  WSP  Selected Seminars in Drama & Theatre Arts
Seminars in special areas of drama and theatre.
Department Consent Required
Effective 01-SEP-2015
Component Change: SEM, WSP
Rationale: To add SEM component. The revised component better reflects the way in which the course is currently being taught.

Current Catalog Information
DRAMA 491 (0.50) WSP
Selected Seminars in Drama & Theatre Arts
Seminars in special areas of drama and theatre.
Department Consent Required

Effective 01-SEP-2015
Component Change: SEM, WSP
Rationale: To add SEM component. The revised component better reflects the way in which the course is currently being taught.

Current Catalog Information
SPCOM 102 (0.50) LAB
Introduction to Performance
Designed for majors in Drama and in Speech Communication, this workshop introduces the student to the tools of performance. Students will gain confidence through individual and group exercises in physical and emotional awareness, improvisational skills, scene study, character creation and voice. [Note: Must attend first class.
May be subject to priority enrolment.]
No Special Consent Required
Requisites: Prereq: SPCOM 100/224 or 223
Cross-listed as: DRAMA 102

Effective 01-SEP-2015
Component Change: WSP
Description Change: This workshop course introduces students to the creative processes of performance in a range of formal and informal settings. Emphasis is placed on the student's development as a performer. Prior performance experience is not required.
Requisite Change: Prereq: SPCOM 100/224 or 223
Rationale: To change description, course component, and remove the corequisite on DRAMA 102. This revised description and component better reflect the content of the course as it is currently being taught. The note and requisite are being removed to make the course more accessible to students from all backgrounds interested in performance. The prerequisite for SPCOM 102 is not being removed.

Current Catalog Information
SPCOM 300 (0.50) LEC
Special Topics in Digital Design
In this course students will learn advanced digital design theory. They will participate in workshops with professional designers, develop specialized digital materials and contribute signature work to their Digital Portfolio.
No Special Consent Required
Requisites: Prereq: Level at least 3A Speech Communication majors.
Cross-listed as: DAC 300      ENGL 303

Effective 01-SEP-2015

Rationale: To change prerequisite of DAC 300 (not to ENGL 303 or SPCOM 300). The change in the DAC 300 prerequisite is proposed because of the change in the Digital Arts Communication plan from specialization to minor.

Current Catalog Information
SPCOM 326 (0.50) LAB Voice Technique
A workshop course in voice for the speaker, designed to increase vocal power, range, flexibility and variety in presenting the spoken word. May be subject to priority enrolment.
Instructor Consent Required
Requisites: Prereq: DRAMA 102/SPCOM 102 or SPCOM 223/DRAMA 223
Cross-listed as: DRAMA 326

Effective 01-SEP-2015
Component Change: WSP
Title Change: Performing the Voice
Description Change: Students explore techniques to access and develop the voice as a resource for performance.
Consent Change: No Special Consent Required
Requisite Change: Prereq: SPCOM/DRAMA 102 or SPCOM/DRAMA 223
Rationale: To change title, description, components, prerequisite, and remove instructor consent. The title and component revisions better reflect the content and conduct of the course as it is currently being taught. Requisites and notes are being changed to make access consistent with the pedagogical philosophy of our liberal arts (rather than conservatory) program and with the means of access to other courses in the program. The requisite for SPCOM 326 is not being changed.

Current Catalog Information
SPCOM 329 (0.50) LEC Digital Presentations
In this course, students will be introduced to design and production of digital business presentations. They will develop specialized digital materials and contribute work to their Digital Portfolio.
No Special Consent Required
Requisites: Prereq: Level at least 3A Speech Communication major, minor and option students only
DAC 329

Cross-listed as: SPCOM 329

Effective 01-SEP-2015
Rationale: To change prerequisite of DAC 329 (no change to SPCOM 329). The change in the DAC 329 prerequisite is proposed because of the change in Digital Arts Communication plan from specialization to minor.

5.4 Economics
Current Catalog Information
ECON 301 (0.50) LEC Microeconomic Theory 2
Pricing and employment of inputs; general equilibrium theory; theory of modern welfare economics with some applications; intertemporal choice.
No Special Consent Required
Requisites: Prereq: ECON 201; ECON 211, or one of MATH 109, 116, 117, 118, 119, 128, 138, 148 and one of MATH 106/125, 115, 136, 146
Effective 02-SEP-2015
Description Change: Pricing and employment of inputs; general equilibrium theory; theory of modern welfare economics with some applications; intertemporal choice.
Requisite Change: Prereq: ECON 201; ECON 211 or (one of MATH 109, 116, 117, 127, 137, 147 and one of MATH 106/125, 115, 136, 146)
Rationale: To revise description and prerequisite. When submitted to UGAG #2 (Dec 5, 2013), ECON 301 had MATH prerequisites of both Calculus 1 (MATH 116, 117) and Calculus 2 (MATH 118, 119, 128, 138, 148). SUC (Mar 4, 2014) suggested limiting to Calculus 1 (MATH 116, 117, 127, 137, 147) only as Calculus 2 is not necessary and could cause confusion. The total number of MATH prerequisites reduces from 12 to 10 (adding three more missing Calculus 1 courses [MATH 127, 137, 147] and removing all Calculus 2). This course change improves the pedagogical value, as students now have a better understanding of the prerequisites for taking the course.

Current Catalog Information
ECON 302 (0.50) LEC Macroeconomic Theory 2
An extension of the tools developed in Macroeconomic Theory 1 to analyse topics such as unemployment and inflation, government spending, finance, consumption, investment, growth, and the open economy.
No Special Consent Required
Requisites: Prereq: ECON 202; ECON 211, or one of MATH 109, 116, 117, 118, 119, 128, 138, 148 and one of MATH 106/125, 115, 136, 146
Effective 02-SEP-2015
Requisite Change: Prereq: ECON 202; ECON 211 or (one of MATH 109, 116, 117, 127, 137, 147 and one of MATH 106/125, 115, 136, 146)
Rationale: To revise prerequisite. When submitted to UGAG #2 (Dec 5, 2013), ECON 302 and MATH prerequisites of both Calculus 1 (MATH 116, 117) and Calculus 2 (MATH 116, 117, 118, 119, 128, 138, 148). SUC (Mar 4, 2014) suggested limiting to Calculus 1 (MATH 127, 137, 147) only as Calculus 2 is not necessary and could cause confusion. The total number of MATH prerequisites reduces from 12 to 10 (adding three more missing Calculus 1 courses [MATH 127, 137, 147] and removing all Calculus 2). This course change improves the pedagogical value, as students now have a better understanding of the prerequisites for taking the course.
ECON 304 (0.50) LEC
Monetary Economics
This course explores the role of money in modern economies. Some of the topics covered will include: the demand for money; the determinants of the price-level, inflation and nominal interest rates; liquidity; bank risk and financial intermediation; private money; central banking and the money supply; government debt and money creation; monetary policy and credibility.
No Special Consent Required
Requisites:
Prereq: ECON 201, 202; ECON 211, or one of MATH 109, 116, 117, 118, 128, 138, 148 and one of MATH 106/125, 115, 136, 146; Level at least 3A

Effective 02-SEP-2015
Requisite Change:
Prereq: ECON 201, 202; ECON 211 or (one of MATH 109, 116, 117, 127, 137, 147 and one of MATH 106/125, 115, 136, 146); Level at least 3A

Rationale:
To revise prerequisite. When submitted to UGAG #2 (Dec 5, 2013), ECON 304 had MATH prerequisites of both Calculus 1 (MATH 116, 117) and Calculus 2 (MATH 118, 119, 128, 138, 148). SUC (Mar 4, 2014) suggested limiting to Calculus 1 (MATH 116, 117, 127, 137, 147) only, as Calculus 2 is not necessary and could cause confusion. The total number of MATH prerequisites reduces from 12 to 10 (adding three more missing Calculus 1 courses [MATH 127, 137, 147] and removing all Calculus 2). This course change improves the pedagogical value, as students now have a better understanding of the prerequisites for taking the course.

Current Catalog Information
ECON 311 (0.50) LEC
Mathematical Economics
Mathematical treatment of partial and general equilibrium models. Topics usually include some of the following: duality, applications of the envelope theorem, discussion of sufficiency conditions for optimisation problems, programming, and growth models.
No Special Consent Required
Requisites:
Prereq: ECON 201, 202; ECON 211, or one of MATH 109, 116, 117, 118, 128, 138, 148 and one of MATH 106/125, 115, 136, 146. Not open to students in the Faculty of Mathematics

Effective 02-SEP-2015
Requisite Change:
Prereq: ECON 201, 202; ECON 211 or (one of MATH 109, 116, 117, 127, 137, 147 and one of MATH 106/125, 115, 136, 146); Not open to students in the Faculty of Mathematics

Rationale:
To revise prerequisite. When submitted to UGAG #2 (Dec 5, 2013), ECON 311 had MATH prerequisites of both Calculus 1 (MATH 116, 117) and Calculus 2 (MATH 118, 119, 128, 138, 148). SUC (Mar 4, 2014) suggested limiting to Calculus 1 (MATH 116, 117, 127, 137, 147) only, as Calculus 2 is not necessary and could cause confusion. The total number of MATH prerequisites reduces from 12 to 10 (adding three more missing Calculus 1 courses [MATH 127, 137, 147] and removing all Calculus 2). This course change improves the pedagogical value, as students now have a better understanding of the prerequisites for taking the course.
Current Catalog Information

ECON 341 (0.50) LEC Public Economics: Expenditure

The course focuses on the rationale for government intervention in a market economy. The course begins with a consideration of market successes through the analysis of the first and second theorems of welfare economics. The course then considers market failures through an analysis of distributional issues, public goods, externalities, non-competitive market structures, and asymmetric information. Time permitting, some issues in the public economics of taxation may be covered.

No Special Consent Required

Requisites:
Prereq: ECON 201; ECON 211 or one of MATH 109, 116, 117, 118, 128, 138, 148 and one of MATH 106/125, 115, 136, 146.

Effective 02-SEP-2015

Requisite Change:
Prereq: ECON 201; ECON 211 or (one of MATH 109, 116, 117, 127, 137, 147 and one of MATH 106/125, 115, 136, 146)

Rationale:
To revise prerequisite. When submitted to UGAG #2 (Dec 5, 2013), ECON 341 had MATH prerequisites of both Calculus 1 (MATH 116, 117) and Calculus 2 (MATH 118, 119, 128, 138, 148). SUC (Mar 4, 2014) suggested limiting to Calculus 1 (MATH 116, 117, 127, 137, 147) only, as Calculus 2 is not necessary and could cause confusion. The total number of MATH prerequisites reduces from 12 to 10 (adding three more missing Calculus 1 courses [MATH 127, 137, 147] and removing all Calculus 2). This course change improves the pedagogical value, as the students now have a better understanding of the prerequisites for taking the course.

Current Catalog Information

ECON 342 (0.50) LEC Public Economics: Taxation

The course focuses on the public economics of taxation. Normative topics include the efficiency and distributional aspects of taxation and positive topics include the incentive effects of taxation and tax incidence. Time permitting, some issues in public expenditure theory may be covered.

No Special Consent Required

Requisites:
Prereq: ECON 201; ECON 211 or one of MATH 109, 116, 117, 118, 128, 138, 148 and one of MATH 106/125, 115, 136, 146.

Effective 02-SEP-2015

Requisite Change:
Prereq: ECON 201; ECON 211 or (one of MATH 109, 116, 117, 127, 137, 147 and one of MATH 106/125, 115, 136, 146)

Rationale:
To revise prerequisite. When submitted to UGAG #2 (Dec 5, 2013), ECON 342 had MATH prerequisites of both Calculus 1 (MATH 116, 117) and Calculus 2 (MATH 118, 119, 128, 138, 148). SUC (Mar 4, 2014) suggested limiting to Calculus 1 (MATH 116, 117, 127, 137, 147) only, as Calculus 2 is not necessary and could cause confusion. The total number of MATH prerequisites reduces from 12 to 10 (adding three more missing Calculus 1 courses [MATH 127, 137, 147] and removing all Calculus 2). This course change improves the pedagogical value, as students now have a better understanding of the
prerequisites for taking the course.

**Current Catalog Information**

**ECON 421 (0.50) LEC Econometrics**

Advanced treatment of topics covered in ECON 321 through the extensive use of matrix algebra and statistical theory. A review of required matrix algebra and statistical theory will be part of the course. Topics covered will include classical linear models and associated problems such as multicollinearity, functional form, heteroskedasticity and autocorrelation; restricted least squares; generalized least squares; and introduction to simultaneous equations.

No Special Consent Required

**Requisites:** Prereq: ECON 201; ECON 211, or one of MATH 109, 116, 117, 118, 119, 128, 138, 148 and one of MATH 106/125, 115, 136, 146; one of ECON 321, STAT 331, 361, 371; Honours students or Economics majors

**Effective 02-SEP-2015**

**Requisite Change:** Prereq: ECON 201; ECON 211 or (one of MATH 109, 116, 117, 127, 137, 147 and one of MATH 106/125, 115, 136, 146); one of ECON 321, STAT 331, 361, 371; Honours students or Economics majors

**Rationale:** To revise prerequisite. When submitted to UGAG #2 (Dec 5, 2013), ECON 421 had MATH prerequisites of both Calculus 1 (MATH 116, 117) and Calculus 2 (MATH 118, 119, 128, 138, 148). SUC (Mar 4, 2014) suggested limiting to Calculus 1 (MATH 116, 117, 127, 137, 147) only, as Calculus 2 is not necessary and could cause confusion. The total number of MATH prerequisites reduces from 12 to 10 (adding three more missing Calculus 1 courses [MATH 127, 137, 147] and removing all Calculus 2). This course change improves the pedagogical value, as students now have a better understanding of the prerequisites for taking the course.

**Current Catalog Information**

**ECON 422 (0.50) LEC Topics in Econometrics**

An applied topics course involving extensive use of computers, requiring the completion of a term project. While topics covered will vary with the instructor's interests, they will normally be drawn from the following: estimation of stochastic linear regression models; distributed lags and time series models; identification and estimation of simultaneous equations; non-linear estimation; maximum likelihood method; pooling cross-sections and time series; limited dependent variable models; and specification issues.

No Special Consent Required

**Requisites:** Prereq: ECON 201; ECON 211, or one of MATH 109, 116, 117, 118, 119, 128, 138, 148 and one of MATH 106/125, 115, 136, 146; one of ECON 321, STAT 331, 361, 371; Honours students or Economics majors

**Effective 02-SEP-2015**

**Requisite Change:** Prereq: ECON 201; ECON 211 or (one of MATH 109, 116, 117, 127, 137, 147 and one of MATH 106/125, 115, 136, 146); one of ECON 321, STAT 331, 361, 371; Honours students or Economics majors

**Rationale:** To revise prerequisite. When submitted to UGAG #2 (Dec 5, 2013), ECON 422
had MATH prerequisites of both Calculus 1 (MATH 116, 117) and Calculus 2 (MATH 118, 119, 128, 138, 148). SUC (Mar 4, 2014) suggested limiting to Calculus 1 (MATH 116, 117, 127, 137, 147) only, as Calculus 2 is not necessary and could cause confusion. The total number of MATH prerequisites reduces from 12 to 10 (adding three more missing Calculus 1 courses [MATH 127, 137, 147] and removing all Calculus 2). This course change improves the pedagogical value, as students now have a better understanding of the prerequisites for taking the course.

5.5 English Language & Literature

Current Catalog Information
ENGL 200A (0.50) LEC, TUT Survey of British Literature 1
An historical survey of major figures, types, and trends in British literature from
the Middle Ages to the late 18th century.
No Special Consent Required
Effective 01-SEP-2015
Requisite Change: Prereq: Level at least 2A
Rationale: To change prerequisite. We are changing the prerequisites on our core
200-level plan requirement courses for consistency.

Current Catalog Information
ENGL 200B (0.50) LEC, TUT Survey of British Literature 2
An historical survey of major figures, types, and trends in British literature from
the late 18th century to the present.
No Special Consent Required
Effective 01-SEP-2015
Requisite Change: Prereq: Level at least 2A
Rationale: To change prerequisite. We are changing the prerequisites on our core
200-level plan requirement courses for consistency.

Current Catalog Information
ENGL 203 (0.50) LEC Designing Digital Images and Hypertext
This course draws on multiple theoretical perspectives to introduce students to the
fundamental principles of multi-modal communication design in its social context.
Students will analyze, design, and produce images and hypertext for use in a variety
of digital platforms, including e-learning and business applications. [Note: For Arts
and Business Co-op students: The materials produced in this course will become part
of a student's ongoing Digital Portfolio.]
No Special Consent Required
Requisites: Prereq: Honours English students only. Antireq: GBDA 101
Cross-listed as: DAC 201
Effective 01-SEP-2015
Description Change: This course draws on multiple theoretical perspectives to introduce
students to the fundamental principles of multi-modal communication design
in its social context. Students will analyze, design, and produce images
and interactivity for use in a variety of digital platforms, including e-learning and business applications.

Rationale:
To remove note, change description, and change prerequisite to DAC 201. The removal of the note and the change in prerequisite (no change to ENGL 203) are proposed because of the change in the Digital Arts Communication plan from specialization to minor. Minor wording change made to reflect what is currently being taught in this course.

Current Catalog Information
ENGL 204 (0.50) LEC Designing Digital Video
This course introduces students to the principles of designing time-based multi-modal communication in a social context. Students will analyse, design, and produce video for use in a variety of digital platforms, including e-learning and business applications. [Note: For Arts and Business Co-op students: DAC 201 recommended. The materials produced in this course will become part of a student’s ongoing Digital Portfolio.]
No Special Consent Required
Requisites: Antireq: GBDA 201, 202
Cross-listed as: DAC 202
Effective 01-SEP-2015
Description Change: This course introduces students to the principles of designing time-based multi-modal communication in a social context. Students will analyse, design, and produce video for use in a variety of digital platforms, including e-learning and business applications.
Rationale: To remove note, change prerequisite of DAC 202. The removal of the note and the change in prerequisite are proposed because of the change in the Digital Arts Communication plan from specialization to minor (no requisite change to ENGL 204).

Current Catalog Information
ENGL 210E (0.50) LEC, TUT Genres of Technical Communication
This course explores writing, presentation, and design across various genres of technical communication, with a primary focus on printed and/or online computer documentation. Other assignments might include white papers, product specifications, help-desk communication, etc.
No Special Consent Required
Requisites: Prereq: Level at least 2A. Antireq: ENGL 210A and ENGL 210G
Effective 01-SEP-2015
Requisite Change: Prereq: Level at least 2A
Rationale: To remove antirequisite. ENGL 210A and 210G have been inactive for more than five years, so they no longer need to be included as antirequisites to ENGL 210E. Removing ENGL 210G from the antirequisites is also necessary because the course number is being re-used for the new Grant Writing course.
ENGL 292 (0.50) LEC, TUT  Contemporary Issues in Language, Writing, and Rhetoric
The course inductively defines the fields of Rhetoric and Professional Writing through an exploration of contemporary issues in language, writing, and rhetoric, as those issues are identified and dealt with, in the pertinent scholarly and professional journals, by current researchers and their work.
No Special Consent Required
Requisites: Prereq: English Major students
Effective 01-SEP-2015
Requisite Change: Prereq: Level at least 2A
Rationale: To change prerequisite. We are changing the prerequisites on our core 200-level plan requirements for consistency.

Current Catalog Information
ENGL 303 (0.50) LEC  Special Topics in Digital Design
In this course students will learn advanced digital design theory. They will participate in workshops with professional designers, develop specialized digital materials and contribute signature work to their Digital Portfolio.
No Special Consent Required
Cross-listed as: DAC 300  SPCOM 300
Effective 01-SEP-2015
Rationale: To change prerequisite of DAC 300 (not to ENGL 303 or SPCOM 300). The change in the DAC 300 prerequisite is proposed because of the change in the Digital Arts Communication plan from specialization to minor.

Current Catalog Information
ENGL 304 (0.50) LEC  Designing with Digital Sound
In this course, students will be introduced to sound analysis and production. Students will learn to record, edit, and implement sound in a variety of linear and non-linear media forms, with emphasis on film and video games.
No Special Consent Required
Cross-listed as: DAC 301
Effective 01-SEP-2015
Subject/Catalog Nbr Change: ENGL 304
Description Change: In this course, students will be introduced to sound analysis and production. Students will learn to record, edit, and implement sound in a variety of linear and non-linear media forms, with emphasis on film and video games.
Requisite Change: Antireq: DAC 301
Rationale: To remove attribute, change prerequisite of DAC 301, add antirequisites to DAC 203/ENGL 304, and to change number of DAC 301. The numbering is being changed (from DAC 301 to DAC 203 - no number change to ENGL 304) to reflect the parallel this course has in foundational concepts which are taught in other 200-level DAC courses. The "Arts and Business Co-op students only" prerequisite of DAC 301 is being replaced because of the plan change from a specialization to a minor; an antirequisite of DAC 301 is being added to
both courses as it is the former number of DAC 203. The "Also offered Online" attribute is being removed because there are no plans to do so in the future.

**Current Catalog Information**

ENGL 316 (0.50) LEC Canadian Drama
This course explores traditions and experiments in Canadian drama through an analysis of Canadian plays, especially those from 1960 to the present, in their historical and theatrical contexts.
No Special Consent Required
Cross-listed as: DRAMA 380

**Effective 01-SEP-2015**
Rationale: To remove DRAMA 380 cross-listing.

**Current Catalog Information**

ENGL 361 (0.50) LEC English Drama to 1642
The Middle Ages, the Elizabethans and Jacobean (excluding Shakespeare), and the Spanish Golden Age.
No Special Consent Required
Cross-listed as: DRAMA 311

**Effective 01-SEP-2015**
Rationale: To remove DRAMA 311 cross-listing.

**Current Catalog Information**

ENGL 362 (0.50) LEC Shakespeare 1
A study of the plays written before 1599-1600, excluding Julius Caesar.
No Special Consent Required
Requisites: Prereq: Level at least 3A
Cross-listed as: DRAMA 386

**Effective 01-SEP-2015**
Rationale: To change prerequisite for DRAMA 386. The revised prerequisite better reflects the level of preparedness needed to succeed in the course and the revised prerequisite is in line with the ENGL 362 (cross-listed course) prerequisite, which are not being changed.

**Current Catalog Information**

ENGL 363 (0.50) LEC Shakespeare 2
A study of the plays written after 1599-1600, including Julius Caesar.
No Special Consent Required
Requisites: Prereq: Level at least 3A
Cross-listed as: DRAMA 387

**Effective 01-SEP-2015**
Rationale: To change prerequisite for DRAMA 387. The revised prerequisite better reflects the level of preparedness needed to succeed in the course and is in line with the ENGL 363 (cross-listed course) prerequisite, which are not being changed.
Current Catalog Information
ENGL 392A (0.50) LEC Information Design
The theory and practice of design for print and digital media, including the study of design concepts such as space, colour, typography, interactivity, immersion, motion, and presence. Students produce designs using professional software tools.
No Special Consent Required
Requisites:
Effective 01-SEP-2015
Requisite Change: Prereq: One of ENGL 292, 293, DAC 202/ENGL 204
Rationale: To change prerequisite. DAC 201/ENGL 203 has been suggested as another appropriate prerequisite for ENGL 392A

Current Catalog Information
ENGL 392B (0.50) LEC Visual Rhetoric
This course introduces students to the study of images from a rhetorical perspective, including the interaction of texts and images in such professional writing fields as advertising, book illustration, technical documentation, journalism, and public relations. Issues may include visual and textual literacy, the semiotics and rhetoric of design, and the ideological basis of social communication.
No Special Consent Required
Requisites:
Effective 01-SEP-2015
Requisite Change: Prereq: One of ENGL 292, 293, DAC 201/ENGL 203, DAC 202/ENGL 204
Rationale: To change prerequisite. DAC 200 is the former number of DAC 202 and enough time has elapsed to remove its mention in the prerequisite list. In addition, DAC 201/ENGL 203 has been recommended as an appropriate prerequisite for ENGL 392B.

Current Catalog Information
ENGL 403 (0.50) PRJ Digital Design Research Project
Students work in small groups under the supervision of a faculty researcher on an ongoing, large-scale, digital design project.
No Special Consent Required
Requisites:
Effective 01-SEP-2015
Subject/Catalog Nbr Change: ENGL 403
Unit Change: (0.50)
Component Change: PRJ
Title Change: Digital Design Research Project
Description Change: Students work in small groups under the supervision of a faculty researcher on an ongoing, large-scale, digital design project.
Consent Change: No Special Consent Required
New Cross Listing: DAC 400
Rationale: To readad DAC 400 cross-listing. Readding DAC 400, which was previously
removal (1/1/2013), will provide an additional course for Digital Arts Communication students pursuing the new minor. Added prerequisite "Digital Arts Communication Minor students only" to DAC 400, but not ENGL 403.

5.6 Fine Arts

Current Catalog Information
FINE  335  (0.50)  STU Design for the Theatre 1
An introduction to the problems of designing for the theatre. Work for the course will include the preparation of drawings and models as well as practical experience in the theatre.
Instructor Consent Required
Requisites: Prereq: Level at least 2A Fine Arts students
Cross-listed as: DRAMA 331
Effective 01-SEP-2015
Component Change: WSP
Title Change: Design Theory and Practice
Description Change: Students apply conceptual and theoretical approaches to design in the areas of set/space, light, projection, and costume.
Consent Change: No Special Consent Required
Rationale: To change title, description, component, prerequisite, and remove instructor consent. The title and component revisions better reflect the content and conduct of the course as it is currently being taught. Requisites and consent are being changed to make access consistent with the pedagogical philosophy of our liberal arts (rather than conservatory) program and with the means of access to other courses in the program. The prerequisite for FINE 335 is not being changed.

Current Catalog Information
FINE  351  (0.50)  LAB, SEM Central and East European Film
Examination of the development of the motion picture art in Central and Eastern Europe after World War II. Selected work of prominent directors of the Czech Republic, Hungary, Poland, the former USSR, and former Yugoslavia will be discussed (Chytilova, Forman, Jancso, Makavejev, Tarkovsky, Wajda, and others). Film screenings. [Note: Film Studies course]
No Special Consent Required
Cross-listed as: DRAMA 351
Effective 01-SEP-2015
Rationale: To remove DRAMA 351 cross-listing. DRAMA 351 will no longer be offered as a cross-listing to FINE 351 due to the restructuring of the DRAMA curriculum.

5.7 Germanic & Slavic Studies

Current Catalog Information
REES  341  (0.50)  LEC Russian Drama before 1905
A study of the origins and development of Russian drama up to 1905. Reading and
critical analysis of major works in various genres with emphasis on authors of the 19th century. [Note: Taught in English. This course will have a Slavic language component for students in REES academic plans.]

No Special Consent Required

Requisites : Antireq: RUSS 341

Cross-listed as: DRAMA 381

Effective 01-SEP-2015

Rationale : To remove DRAMA 381 cross-listing. DRAMA 381 has not been taught for a number of years and there are no plans to teach it in future.

Current Catalog Information

REES 342 (0.50) LEC Russian Drama after 1905
A study of the origins and development of Russian drama after 1905. Reading and critical analysis of major works in various genres with emphasis on authors of the 20th century. [Note: Taught in English.]

No Special Consent Required

Requisites : Antireq: RUSS 342

Cross-listed as: DRAMA 382

Effective 01-SEP-2015

Rationale : To remove DRAMA 382 cross-listing. DRAMA 382 has not been taught for a number of years and there are no plans to teach it in future.

5.8 History

Current Catalog Information

HIST 106 (0.50) DIS, LEC Canada and War in the Twentieth Century
This course will introduce students to the ways in which historians have examined Canada's military experience in this century. Beginning with the Boer War, and continuing through the two World Wars and the post-war era, students will examine the political, social, as well as military effects of war on Canada.

No Special Consent Required

Effective 01-SEP-2015

Title Change: Canada at War

Description Change: This course introduces students to the ways in which historians have examined Canada's military experience. Beginning with the Boer War, and continuing through the two World Wars and the post-war era, students examine the political, social, as well as military effects of war on Canada.

Rationale : To change title, description. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest. Minor changes made to tense in description.

Current Catalog Information

HIST 201 (0.50) DIS, LEC Columbus and After: New Worlds in the Americas, 1492-1680
Beginning with Columbus, this course introduces the history of early America as it was shaped by the encounters between colonizers and colonized. Particular attention
is paid to the varied nature of these encounters, and their contested interpretation by historians and others.

No Special Consent Required

Effective 01-SEP-2015

Title Change: Columbus and After: New Worlds in the Americas
Rationale: To change title. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest.

Current Catalog Information

HIST 209 (0.50) DIS, LEC Health, Disease and Medicine in Canadian History, 1500 to the Present

Starting with Amerindian medicine, the course will examine topics such as the rise of the medical and nursing professions, changing public attitudes to health and disease, and the evolution of the Canadian health insurance system.

No Special Consent Required

Effective 01-SEP-2015

Title Change: Smallpox to Medicare: Canadian Medical History
Description Change: Starting with Aboriginal medicine, the course examines topics such as the rise of the medical and nursing professions, changing public attitudes to health and disease, and the evolution of the Canadian health insurance system.

Rationale: To change title and description. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest. The description has been updated because the term "Aboriginal" is presently more appropriate than "Amerindian."

Current Catalog Information

HIST 220 (0.50) DIS, LEC The Vietnam War and American Society

The Vietnam War, the longest war in U.S. history, was fought on two fronts, by American G.I.s abroad and anti-war protesters at home. Those two subjects, as well as a history of the war from Vietnamese perspectives, will be the focus of this course.

No Special Consent Required

Effective 01-SEP-2015

Rationale: Antireq: Being removed

Title Change: The Vietnam War
Description Change: The Vietnam War, the longest war in U.S. history, was fought on two fronts, by American G.I.s abroad and anti-war protesters at home. Those two subjects, as well as a history of the war from Vietnamese perspectives, are the focus of this course.

Requisite Change: Antireq: HIST 317

Rationale: To change title and description and remove antirequisite. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest. Minor changes made to tense in description. HIST 317 is being removed as an antirequisite because it has been more than ten years since this course was renumbered from HIST 317 to HIST 220.
Current Catalog Information

HIST 221 (0.50) DIS, LEC Race Relations in Canada: An Historical Perspective

The "race problem" has appeared on the Canadian public agenda, but the issue is not of recent origin. This course will examine Euro-Canadian attitudes and practices toward non-European minorities from pioneer times to the present and will set racial policies in the context of the evolution of a Canadian national identity.

No Special Consent Required

Requisites:

Antireq: HIST 107

Effective 01-SEP-2015

Title Change: Racism and Response in Canadian History
Description Change: The "race problem" has appeared on the Canadian public agenda, but the issue is not of recent origin. This course examines Euro-Canadian attitudes and practices toward non-European minorities from pioneer times to the present and sets racial policies in the context of the evolution of a Canadian national identity.

Rationale:
To change title and description and remove antirequisite. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest. Minor changes made to tense in description. HIST 107 is being removed as an antirequisite because it has been more than ten years since it was inactivated.

Current Catalog Information

HIST 250 (0.50) DIS, LEC The Art and Craft of History

This course will provide a collegial learning setting within which students will be introduced to techniques of historical writing and research, and some examples of the best of recent historical scholarship.

No Special Consent Required

Requisites:

Prereq: Level at least 2A History

Effective 01-SEP-2015

Title Change: What is History? An Introduction to Historical Thinking
Description Change: This course provides a collegial learning setting within which students are introduced to techniques of historical writing and research, and some examples of the best of recent historical scholarship.

Rationale:
To change title and description. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest. Minor changes made to tense in description.

Current Catalog Information

HIST 257 (0.50) DIS, LEC America Until 1877

This historical survey focuses on the emergence of the United States as a nation. The topics explored may include indigenous peoples, slavery, race, gender, labour, immigration, urbanization, culture, sectionalism, politics, and ideologies.

No Special Consent Required
Effective 01-SEP-2015
Title Change: America: From Slavery to Civil War
Rationale: To change title. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest.

Current Catalog Information
HIST 258 (0.50) DIS, LEC United States Since 1877
This course begins in the aftermath of the Civil War and ends at the present day. Topics may include major social movements, the place of the United States in world politics, immigration and imperialism, and the economy.
No Special Consent Required

Effective 01-SEP-2015
Title Change: The United States: From World Power to the War on Terror
Rationale: To change title. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest.

Current Catalog Information
HIST 263 (0.50) DIS, LEC Europe in the Nineteenth and Twentieth Centuries
This period marked the emergence of modern-day Europe. The course will focus on the way in which European society, politics, and culture changed, and why. It will also examine the continent's descent into dictatorship and two world wars.
No Special Consent Required

Effective 01-SEP-2015
Title Change: The Age of Revolution: Europe in the 19th Century
Description Change: This period marks the emergence of modern-day Europe. The course focuses on the way in which European society, politics, and culture changed, and why. It also examines the continent's descent into war in 1914.
Rationale: To change title and description. The content in this course now ends at 1914 (instead of 1945) to eliminate duplication of material from other courses. The department is also renaming this course in an attempt to attract student interest. Minor changes made to tense in description.

Current Catalog Information
HIST 268 (0.50) DIS, LEC A Comparative History of Empires
This course examines the role of empires in modern history. It will examine how empires were formed, how they functioned, how they were resisted, and how they collapsed. While the focus will be on the European empires, we will also assess other examples, including the empires of the Ottomans, the Japanese, the Chinese, and the United States. [Note: Formerly HIST 114]
No Special Consent Required
Requisites: Prereq: Level at least 2A

Effective 01-SEP-2015
Title Change: A Global History of Empires
Description Change: This course examines the role of empires in modern history. It examines how empires were formed, how they functioned, how they were resisted, and how they collapsed. While the focus will be on the European empires, we also assess other examples, including the empires of the Ottomans, the Japanese, the Chinese, and the United States. [Note: Formerly HIST 114]

Rationale: To change title and description. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest. Minor changes made to tense in description.

Current Catalog Information

HIST 271 (0.50) DIS, LEC  The Histories of Indigenous Peoples in the Local and Global World
This course examines the histories of indigenous peoples from around the world, covering areas such as educational assimilation, the internationalization of indigenous rights, lands and resource development conflicts, indigenous-state relations, language and cultural revitalization, and international political activism. We will examine local Indigenous histories and place these experiences into the larger global context.
No Special Consent Required
Requisites:
Prereq: Level at least 2A; Antireq: HIST 391, section 003 taken Winter 2013

Effective 01-SEP-2015
Title Change: Global Indigenous Issues
Description Change: This course examines the histories of indigenous peoples from around the world, covering areas such as educational assimilation, the internationalization of indigenous rights, lands and resource development conflicts, indigenous-state relations, language and cultural revitalization, and international political activism. We examine local indigenous histories and place these experiences into the larger global context.

Rationale: To change title and description. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest. Minor changes made to tense in description.

Current Catalog Information

HIST 278 (0.50) DIS, LEC  The Soviet Union in World War II: The Great Patriotic War
This course examines the Eastern Front in World War II. It investigates such themes as the impact of totalitarian state systems and radical ideologies on the war; interwar diplomacy; key campaigns; genocide; the wartime economies; propaganda; resistance and collaboration; the plight of POWs; women on the battlefield; and relations among members of the opposing coalitions.
No Special Consent Required
Requisites:
Prereq: Level at least 2A

Effective 01-SEP-2015
Title Change: Red Star vs. Swastika: Russia and WWII
Rationale: To change title. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest.
interest.

**Current Catalog Information**

HIST 303 (0.50) DIS, LEC  
Digital History  
Digital history, the application of new and emerging technologies to the study of history, is an exciting new field. This course explores the literature on digital history and then puts theory into practice by exploring the digital collection, evaluation, and production of historical knowledge.  
No Special Consent Required  
Requisites: 
Prereq: Level at least 3A; Antireq: HIST 291, section 001 taken Winter 2013  
**Effective 01-SEP-2015**  
Title Change:  
History Gone Digital: An Introduction to History with the Web  
Rationale: To change title. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest.

**Current Catalog Information**

HIST 341 (0.50) DIS, LEC  
Occupied Europe, 1938-1945  
This course will examine the nature and impact of Nazi occupation on Western and Eastern Europe preceding and during World War II and the responses of the people occupied.  
No Special Consent Required  
**Effective 01-SEP-2015**  
Title Change: The Nazi Occupation of Europe  
Description Change: This course examines the nature and impact of Nazi occupation on Western and Eastern Europe preceding and during World War II and the responses of the people occupied.  
Rationale: To change title and description. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest. Minor changes made to tense in description.

**Current Catalog Information**

HIST 356 (0.50) DIS, LEC  
20th Century Russia and History of the Soviet Union  
This course examines the history of Russia and the Soviet Union from the beginning of the 20th century to the present. Topics include: origins and nature of the Russian Revolution, communist society, Stalinism, the Cold War, and impact of the communist experience on contemporary Russia.  
No Special Consent Required  
Requisites: Prereq: Level at least 2B  
**Effective 01-SEP-2015**  
Title Change: Russia: From Tsars to Putin  
Rationale: To change title. The department is renaming this course in an attempt to reflect more accurately the nature of the course, and to increase student interest.

5.9 St Jerome's University
Current Catalog Information
SMF 205  ( 0.50 )  LEC  The Dark Side of Sexuality
As with all profound and meaningful human activities, sexuality has the potential to involve harm, manipulation, and abuse. This course will offer a theoretical and empirical examination of the dark side of human sexuality. Topics may include prostitution, pornography, sexual violence and abuse, incest, AIDS and STDs, paraphilias, and hate crimes. [Note: Formerly SMF 201B]
No Special Consent Required
Requisites :
Prereq: SMF 204 or PSYCH 236
Effective  01-SEP-2015
Description Change:
As with all profound and meaningful human activities, sexuality has the potential to involve harm, manipulation, and abuse. This course offers a theoretical and empirical examination of the dark side of human sexuality. Topics may include sex work, pornography, sexual violence and abuse, incest, compulsive sexual behaviour, and paraphilias.
Rationale :
To remove note, change description. This course number was changed over five years ago, so the note is no longer needed. Minor change to description from passive to active voice.

Current Catalog Information
SMF 304  ( 0.50 )  LEC  Human Sexuality in Relationships
This course examines the development and experience of sexuality in a relational context from infancy to old age. Emphasis will be placed on sexual interaction and communication in adult relationships, but the effects of relationships on sexual experiences during infancy, childhood, adolescence, and old age may also be examined. [Note: Formerly SMF 301A]
No Special Consent Required
Requisites :
Prereq: SMF 204 or PSYCH 236; Level at least 2A
Effective  01-SEP-2015
Description Change:
This course examines the development and experience of sexuality in a relational context from infancy to old age. Emphasis will be placed on sexual interaction and communication in adult relationships, but the effects of relationships on sexual experiences during infancy, childhood, adolescence, and old age may also be examined.
Rationale :
To remove note. The catalog number of this course was changed more than five years ago, so the note is no longer needed.

Current Catalog Information
SMF 305  ( 0.50 )  LEC  Social Issues and Controversies in Human Sexuality
This course will provide a detailed examination of selected issues and controversies in the area of human sexuality. Topics may include the role of sex education in schools, nature vs. nurture, censorship, and surrogate motherhood. [Note: Formerly SMF 301B]
No Special Consent Required
Requisites:
Prereq: SMF 204 or PSYCH 236; Level at least 2A

Effective 01-SEP-2015

Description Change:
This course will provide a detailed examination of selected issues and controversies in the area of human sexuality. Topics may include the role of sex education in schools, nature vs. nurture, censorship, and surrogate motherhood.

Rationale:
To remove note. SMF 301B has not been offered in the last five years, so the note is no longer needed.

Current Catalog Information
SMF 308 (0.50) SEM
Couple and Family Therapy
Modern and postmodern therapeutic approaches to working clinically with couples and families are examined, with a focus on cultural sensitivity, social justice, and anti-oppression. Students will connect theory to practice, and implement family therapy and ethical skills.
No Special Consent Required
Prereq: SMF 208, 220, 301; Level at least 2A

Effective 01-SEP-2015
Requisite Change:
Prereq: SMF 208, 301; Level at least 2A
Rationale:
To change prerequisite. SMF 220 was intended as a prerequisite for plan pathways purposes, but is not necessary for students to succeed in SMF 308.

Current Catalog Information
SMF 309 (0.50) SEM
Sex Therapy
This course examines therapeutic approaches and clinical issues when working with sexuality related problems. Sexuality variation, and research and methodological issues in the field of sex therapy will be discussed from theoretical and applied perspectives. The applied focus enables students to connect clinical theory and ethical issues to practice.
No Special Consent Required
Prereq: SMF 208, 220, 301; Level at least 2A

Effective 01-SEP-2015
Requisite Change:
Prereq: SMF 208, 301; Level at least 2A
Rationale:
To change prerequisite. SMF 220 was intended as a prerequisite for plan pathways purposes, but is not necessary for students to succeed in SMF 309.

Current Catalog Information
SMF 319 (0.50) SEM
History of Sexuality: Special Topics
This course introduces students to special topics in the history of sexuality such as homosexuality, family, or erotica and pornography. [Note: Formerly SMF 317]
No Special Consent Required
Prereq: SMF 204 or any 200-level HIST course; Level at least 2A

Effective 01-SEP-2015
Description Change:
This course introduces students to special topics in the history of sexuality such as homosexuality, family, or erotica and pornography.
Requisite Change: Prereq: SMF 204 or any HIST course; Level at least 3A
Rationale: To remove note and change prerequisite. SMF 317 as "History of Sexuality: Special Topics" has not been offered in the last five years, so the note is no longer needed. The 200-level stipulation for the HIST course in the prerequisite is being removed for consistency with SMF 317 and 318.

Current Catalog Information
SMF 365 (0.50) LEC Special Topics in Human Sexuality
A specialized course in sexuality topics. See the SMF Director for current offerings.
No Special Consent Required
Requisites: Prereq: SMF 204 or PSYCH 236; Level at least 2A
Effective 01-SEP-2015
Description Change: A specialized course in sexuality topics. [Note: See the Schedule of Classes for current offerings.]
Rationale: To change description and add note. Students should be referred to the Schedule of Classes instead of the program director to find information about topics offered under SMF 365.

Current Catalog Information
SMF 366 (0.50) LEC Special Topics in Couples, Marriage, and Family Studies
A specialized course in couples, marriage, and family topics. See the SMF Director for current offerings.
No Special Consent Required
Course Attributes: Offered at St. Jerome's University
Requisites: Prereq: SMF 206; Level at least 2A
Effective 01-SEP-2015
Description Change: A specialized course in couples, marriage, and family topics. [Note: See the Schedule of Classes for current offerings.]
Rationale: To change description and add note. Students should be referred to the Schedule of Classes instead of the program director to find information about topics offered under SMF 366.

Current Catalog Information
SMF 367 (0.50) LEC Special Topics in Sexuality, Marriage, and Family Studies
A specialized course that approaches topics of sexuality, marriage, and family from a humanities perspective. These integrated courses take a theoretical approach to the subject matter. See the SMF Director for current offerings.
No Special Consent Required
Requisites: Prereq: SMF 204 or PSYCH 236, and SMF 206; Level at least 2A
Effective 01-SEP-2015
Description Change: A specialized course that approaches topics of sexuality, marriage, and family from a humanities perspective. These integrated courses take a theoretical approach to the subject matter. [Note: See the Schedule of Classes for current offerings.]
Rationale: To change description and add note. Students should be referred to the Schedule of Classes instead of the program director to find information about topics offered under SMF 367.

Current Catalog Information
SMF 404 (0.50) RDG Independent Study: Special Topics in Sexuality
An independent, in-depth study, based on empirical research and/or extensive reading, of a topic in the area of sexuality. The project must be approved by the academic supervisor of the course prior to registration.
Department Consent Required
Requisites: Prereq: SMF 220, 230, 310; SMF 304 or 305; Level at least 3A
Effective 01-SEP-2015
Requisite Change: Prereq: SMF 220, 230, 310; one of SMF 304, 305, 365; Level at least 3A
Rationale: To add to prerequisite. SMF 365 is part of the "sexuality" course grouping that also includes SMF 304 and 305, and should be an option for students looking to meet the prerequisites for SMF 404.

Current Catalog Information
SMF 406 (0.50) RDG Independent Study: Special Topics in Marriage and Family Studies
An independent, in-depth study, based on empirical research and/or extensive reading, of a topic in the area of marriage and family. The project must be approved by the academic supervisor of the course prior to registration.
Department Consent Required
Requisites: Prereq: SMF 220, 230, 310; one of SMF 306, 307, PSYCH 354; Level at least 3A
Effective 01-SEP-2015
Requisite Change: Prereq: SMF 220, 230, 310; one of SMF 306, 307, 366, PSYCH 354; Level at least 3A
Rationale: To add to prerequisite. SMF 366 is part of the "relationship" course grouping that also includes SMF 306, 307, and PSYCH 354, and should be an option for students looking to meet the prerequisites for SMF 406.

Current Catalog Information
SMF 460 (0.50) PRA, SEM Practicum and Professional Ethics
This course involves an assigned unpaid apprenticeship in a human sexuality or family studies setting combined with regular seminar meetings. The practicum will require no more than ten hours per week. Paid or volunteer positions that are obtained outside the context of this course are not eligible for credit in this course.
Department Consent Required
Requisites: Prereq: SMF 230, 310; Sexuality, Marriage, and Family Studies students only
Effective 01-SEP-2015
Description Change: This course involves an assigned unpaid apprenticeship in a human sexuality or family studies setting combined with regular seminar meetings. The practicum will require no more than ten hours per week. Paid or volunteer positions that are obtained outside the context of this course are not
eligible for credit in this course. [Note: Priority enrolment will be given to students in the Honours Sexuality, Marriage, and Family Studies plan.]

Rationale:
To add note. SMF 460 is a core Honours requirement, and priority enrolment is currently given to students in the Honours Sexuality, Marriage, and Family Studies plan. A note will clearly communicate this enrolment strategy to students who may be interested in completing this practicum course.

Current Catalog Information
SMF 490 (0.50) SEM Seminar in Sexuality, Marriage, and Family Ethics
This seminar allows students to integrate their knowledge in the domain of sexuality, marriage, and family ethics. Topics reflect current issues from a theoretical and research perspective. No Special Consent Required
Requisites:
Prereq: SMF 230, 310; One of SMF 304, 305, 365; one of SMF 306, 307, 366, PSYCH 354; one of SMF/HIST 317, SMF/HIST 318, SMF 319; Level at least 3B

Effective 17-APR-2014
Requisite Change:
Prereq: SMF 230, 310; One of SMF 304, 305, 365; one of SMF 306, 307, 366, PSYCH 354; Level at least 3B
Rationale:
To change prerequisite. HIST/SMF 317, 318, and SMF 319 are not necessary as prerequisites for SMF 490, and are inconsistent with the prerequisites of other 400-level SMF courses.

Current Catalog Information
SMF 494 (0.50) SEM Seminar in Sexuality
This seminar allows students to integrate their knowledge in the domain of sexuality studies. Topics reflect current issues from a theoretical and research perspective. No Special Consent Required
Requisites:
Prereq: SMF 230, 310; One of SMF 304, 305, 365; One of SMF/HIST 317, SMF/HIST 318, SMF 319; Level at least 3B

Effective 01-SEP-2015
Requisite Change:
Prereq: SMF 230, 310; One of SMF 304, 305, 365; Level at least 3B
Rationale:
To change prerequisite. HIST/SMF 317, 318, and SMF 319 are not necessary as prerequisites for SMF 494, and are inconsistent with the prerequisites of other 400-level SMF courses.

5.10 St Paul's College

Current Catalog Information
NATST 370 (0.50) LEC Issues in Contemporary Native Communities in Canada
Selected aspects of the contemporary native experience as defined by the local native community. The topics examined will be placed in historical perspective. Specially selected course lecturers will be representative of the wider native community. No Special Consent Required
Cross-listed as: ANTH 370

Effective 01-SEP-2015
Subject/Catalog Nbr Change:  NATST 272
Description Change:  An examination of First Nations and Métis cultures and cultural development from the perspective of local native communities. The course will feature lectures, discussions and occasional guest speakers representative of the wider native community.
Rationale:  To change catalog number and description. This course will be a foundational course that introduces the student to the basic topics and challenges of native communities, and thus prepares students for further studies in upper-year courses. Given the intended nature of the course, it is more appropriate for it to be a 200-level course as opposed to a 300-level course. The change is supported by the Department of Anthropology and St. Paul's University College

6. COURSE INACTIVATIONS  (for approval)

6.1 Drama & Speech Communication

Effective 01-SEP-2015
DRAMA 314  (0.50 )  Survey of Dramatic Literature and Theory 5
Rationale:  DRAMA 314/ENGL 233C are being inactivated as part of the restructuring of the Drama and English Language and Literature curricula.

Effective 01-SEP-2015
DRAMA 315  (0.50 )  Survey of Dramatic Literature and Theory 6
Rationale:  DRAMA 315/ENGL 233D are being inactivated as part of the restructuring of the Drama and English Language and Literature curricula.

Effective 01-SEP-2015
DRAMA 318  (0.50 )  Musical Theatre and Musical Film
Rationale:  This course has not been taught for a number of years and there are no plans to teach it in future.

Effective 01-SEP-2015
DRAMA 319B  (0.50 )  Tennessee Williams in Performance
Rationale:  DRAMA 319B has not been taught in a number of years, and there are no plans to teach it in future.

Effective 01-SEP-2015
DRAMA 319E  (0.50 )  Beckett in Performance
Rationale:  DRAMA 319E has not been taught in a number of years, and there are no plans to teach it in future.
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Rationale</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRAMA 333</td>
<td>0.50</td>
<td>Costume Design: This course is being inactivated as part of the restructuring of the Drama and Fine Arts curricula.</td>
</tr>
<tr>
<td>DRAMA 335</td>
<td>0.50</td>
<td>History of Costume: This course is being inactivated as part of the restructuring of the Drama and Fine Arts curricula.</td>
</tr>
<tr>
<td>DRAMA 341</td>
<td>0.50</td>
<td>Lighting Design for the Theatre 1: DRAMA 341 is being inactivated as part of the restructuring of the Drama curriculum.</td>
</tr>
<tr>
<td>DRAMA 359</td>
<td>0.50</td>
<td>Film and Television 1: The program does not have the resources to offer this course.</td>
</tr>
<tr>
<td>DRAMA 360</td>
<td>0.50</td>
<td>Film and Television 2: The program does not have the resources to offer this course.</td>
</tr>
<tr>
<td>DRAMA 362</td>
<td>0.50</td>
<td>Directing 2: DRAMA 362 is being inactivated as part of the restructuring of the Drama curriculum.</td>
</tr>
<tr>
<td>DRAMA 363</td>
<td>0.50</td>
<td>Stage Combat: DRAMA 363 is being inactivated as part of the restructuring of the Drama curriculum.</td>
</tr>
<tr>
<td>DRAMA 392</td>
<td>0.50</td>
<td>American Film: This course is being inactivated as part of the restructuring of the Drama and Fine Arts curricula.</td>
</tr>
<tr>
<td>DRAMA 394</td>
<td>0.50</td>
<td>The New Hollywood: This course is being inactivated as part of the restructuring of the Drama and Fine Arts curricula.</td>
</tr>
<tr>
<td>DRAMA 396</td>
<td>0.50</td>
<td>Film Noir: This course is being inactivated as part of the restructuring of the Drama curriculum.</td>
</tr>
</tbody>
</table>
and Fine Arts curricula.

Effective 01-SEP-2015
DRAMA 397  ( 0.50 )  Women and Film
Rationale : This course is being inactivated as part of the restructuring of the Drama and Fine Arts curricula.

Effective 01-SEP-2015
DRAMA 401  ( 0.50 )  Acting Styles
Rationale : DRAMA 401 is being inactivated as part of the restructuring of the Drama curriculum.

Effective 01-SEP-2015
DRAMA 403  ( 0.50 )  Theories of the Modern Theatre
Rationale : DRAMA 403 is being inactivated as part of the restructuring of the Drama curriculum.

Effective 01-SEP-2015
DRAMA 404  ( 0.50 )  Genre
Rationale : DRAMA 404 is being inactivated as part of the restructuring of the Drama curriculum.

Effective 01-SEP-2015
DRAMA 421  ( 0.50 )  Advanced Acting Workshop 1
Rationale : DRAMA 421 is being inactivated as part of the restructuring of the Drama curriculum.

Effective 01-SEP-2015
DRAMA 422  ( 0.50 )  Advanced Acting Workshop 2
Rationale : DRAMA 422 is being inactivated as part of the restructuring of the Drama curriculum.

Effective 01-SEP-2015
DRAMA 425  ( 0.50 )  Audition Technique and Professional Orientation
Rationale : DRAMA 425 is being inactivated as part of the restructuring of the Drama curriculum.

Effective 01-SEP-2015
DRAMA 426  ( 0.50 )  Advanced Voice Technique
Rationale : DRAMA 426 is being inactivated as part of the restructuring of the Drama curriculum.

6.2 English Language & Literature

Effective 01-SEP-2015
ENGL 233C  ( 0.50 )  Survey of Dramatic Literature and Theory 5
Rationale: DRAMA 314/ENGL 233C are being inactivated as part of the restructuring of the Drama and English Language and Literature curricula.

Effective 01-SEP-2015
ENGL 233D  (0.50)
Rationale: Survey of Dramatic Literature and Theory 6
DRAMA 315/ENGL 233D are being inactivated as part of the restructuring of the Drama and English Language and Literature curricula.

6.3 Fine Arts

Effective 01-SEP-2015
FINE 333  (0.50)
Rationale: Costume Design
This course is being inactivated as part of the restructuring of the Drama and Fine Arts curricula.

Effective 01-SEP-2015
FINE 337  (0.50)
Rationale: History of Costume
This course is being inactivated as part of the restructuring of the Drama and Fine Arts curricula.

Effective 01-SEP-2015
FINE 360  (0.50)
Rationale: Film and Television 1
The program does not have the resources to offer this course.

Effective 01-SEP-2015
FINE 361  (0.50)
Rationale: Film and Television 2
The program does not have the resources to offer this course.

Effective 01-SEP-2015
FINE 365  (0.50)
Rationale: Film Noir
This course is being inactivated as part of the restructuring of the Drama and Fine Arts curricula.

Effective 01-SEP-2015
FINE 366  (0.50)
Rationale: Musical Theatre and Musical Film
This course has not been taught for a number of years and there are no plans to teach it in future.

Effective 01-SEP-2015
FINE 376  (0.50)
Rationale: American Film
This course is being inactivated as part of the restructuring of the Drama and Fine Arts curricula.

Effective 01-SEP-2015
FINE 377  (0.50)
Rationale: The New Hollywood
Rationale: This course is being inactivated as part of the restructuring of the Drama and Fine Arts curricula.

Effective 01-SEP-2015
FINE 378 (0.50)
Rationale: Women and Film
This course is being inactivated as part of the restructuring of the Drama and Fine Arts curricula.

6.4 History

Effective 01-SEP-2015
HIST 120 (0.50)
Rationale: The United States at War, 1861-1945
This course has not been recently offered and there is no interest from current faculty to teach this course.

Effective 01-SEP-2015
HIST 215 (0.50)
Rationale: Canadian Women in Historical Perspective
This course has not been recently offered and there is no interest from current faculty to teach this course.

Effective 01-SEP-2015
HIST 264 (0.50)
Rationale: Western Europe Since 1945
This course has not been recently offered and there is no interest from current faculty to teach this course.

Effective 01-SEP-2015
HIST 300 (0.50)
Rationale: History and the Human Sciences
This course has not been recently offered and there is no interest from current faculty to teach this course.

Effective 01-SEP-2015
HIST 310 (0.50)
Rationale: The American West: Legend and Reality
This course has not been recently offered and there is no interest from current faculty to teach this course.

End of Report
The following motions and items for information are a result of a thorough review of all of the curricular approval items made throughout the 2013-14 academic year and are being made in an effort to correctly represent the previously approved motions in the 2015-16 calendar.

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2. Honours Sociology/Legal Studies, Criminology Specialization (Co-op) ......................................... 1
3. Political Science – Honours Political Science (Arts and Business) Plans ................................... 2

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January 2014 SUC Meeting
2. ANTH 311/RS 361 ...................................................................................................................... 2

March 2014 SUC Meeting
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April 2014 SUC Meeting
4. JS 338/RS 338 – changes to prerequisites .................................................................................. 3

May 2014 SUC Meeting
5. AFM 382/482 – 3 actions related to cross-listing ..................................................................... 3
6. AFM 401 – change to prerequisites ............................................................................................ 4

June 2014 SUC Meeting
7. FINE 275/SI 231R/EASIA 231R – change to antirequisite ....................................................... 4
8. RS 219/SOC 261 – 3 actions related to cross-listing .................................................................... 5
9. Management Studies Minor – changes to statistics requirement ................................................ 5
10. Political Science
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   b. PSCI 497A – add a description note ......................................................................................... 6
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Memorandum
Faculty of Arts

TO: Senate Undergraduate Council
FROM: William Chesney, Associate Dean of Arts, Undergraduate Studies
DATE: August 26, 2014
RE: Clean-up items approved at previous SUC meetings

For approval:

1. RS 219 – Religion in America
During the motions to remove the SOC 261 cross-list from RS 219, the existing prerequisites of RS 219, which are identical to those of SOC 261, were overlooked, and without Sociology’s involvement in the course, sociology prerequisites no longer make sense.
   - Current prerequisites: SOC 101/101R or 120R
   - Proposed prerequisites: To be removed

   **Motion:** To remove the existing prerequisites.
   **Changes:** Prereq: SOC 101/101R or 120R
   **Effective date:** September 2015

2. Honours Sociology/Legal Studies, Criminology Specialization – Departmental Co-op
At the June 2014 SUC meeting, the committee approved the following:
   - Inactivation of Honours Sociology/Legal Studies, Criminology Specialization
   - Inactivation of Honours Legal Studies/Sociology, Criminology Specialization

Since Sociology students may pursue departmental co-op, and the departmental co-op option attached to the Honours Sociology/Legal Studies, Criminology Specialization was not inactivated at the same meeting, we must do so now. Departmental co-op was never an option for students enrolled in the Honours Legal Studies/Sociology, Criminology Specialization academic plan.

   **Motion:** To inactivate the following academic plan: Honours Sociology/Legal Studies, Criminology Specialization departmental co-op
   **Effective date:** September 2015

The Honours Sociology Co-op calendar page will be changed accordingly:
Students in Honours Sociology academic plans, including the Honours Sociology/Legal Studies, Criminology Specialization plan, may be admitted into Sociology Co-op at the start of the winter term of their second year. Students who are interested in applying for admission to co-op should consult with the Department’s co-op advisor sometime in their first year so that they may select their courses accordingly.
3. Honours Political Science (Arts and Business) Plans

At the June 2014 SUC meeting, Political Science made some changes to their Arts and Business plans. They were presented as follows:

- Inactivation of Honours Political Science (Arts and Business Co-op and Regular)
- Creation of a new Honours Political Science (Arts and Business Co-op) plan
- Creation of a new Honours Political Science (Arts and Business Regular) plan

However, as Arts and Business Co-op and Arts and Business Regular are already two distinct plans, despite being listed in the Undergraduate Calendar on one page (for efficiency given their identical requirements), the approved motions should have been presented as Academic Plan Changes. The following motions are being made in order to ensure the record is accurate and that some of the background work, which is done after approval, goes smoothly. For brevity, the detailed plan changes are not being included as the content of the plan changes remains the same.

Motions (all effective September 2015):
1. Withdraw the 3 motions that were approved at the June SUC meeting (as above)
2. Academic Plan Changes to Honours Political Science (Arts and Business Co-op)
   - No changes to what was approved initially
3. Academic Plan Changes to Honours Political Science (Arts and Business Regular)
   - No changes to what was approved initially

For Information:

1. GBDA 308 – Workshop in Digital Media, Marketing and Management 2

At the May 2012 SUC meeting, GBDA 308 was inactivated with a September 2013 effective date. This course inactivation was being done at the time because the curriculum for the Global Business and Digital Arts was being modified effective September 2013, prior to having the first group of students enter the program (September 2012). The intent and desire, at that time, was that incoming students would follow the new (2013) requirements instead of the old (2012) requirements, although the choice was theirs to make since they were admitted with the 2012 plan requirements in effect.

It is now Fall 2014 and that first group of students is entering their third year and some have decided to follow the 2012 requirements. That means that the inactivated GBDA 308, which had no plans to be created/mounted, must now be offered (one time only) in order for students to meet their degree requirements. In June 2014, in order to have students be able to select it during course enrolment, the Registrar’s Office’s records team adjusted the inactivation effective date from September 1, 2013 to September 1, 2015.

2. ANTH 311/RS 361 – Anthropology of Religion

At the January 2014 SUC meeting, ANTH 311/RS 361 was reactivated. It also underwent a description change at the same time, and during the change, the description note was inadvertently removed.

We have readded the informational note (effective September 2014) in order to be consistent with all other Religious Studies courses: [Note: This course fulfils an Area 3A requirement for Religious Studies majors.]
3. **Public Policy and Administration Minor**

At the March 2014 SUC meeting, a new minor was created by the Department of Political Science, the Public Policy and Administration Minor.

Students will be required to complete a statistics course and the course list incorrectly incorporated a previously inactivated course (since September 2012). Therefore, the statistics requirement has been amended as follows:

- One of ARTS 280, ECON 221, PSCI 314, ENVS 278, SDS 250R/ISS 250R, KIN 222, PSYCH 292, REC 371, SMF 230, SOC 280/LS 280, STAT 202, STAT 206, STAT 211, STAT 221, STAT 231, STAT 241

4. **JS/RS 388 – Seeking Wisdom in the Bible**

At the April 2014 SUC meeting, JS 338 was added as a cross-list to RS 338. The existing prerequisites of RS 338 were also added to JS 338.

Former RS 338 prerequisite: One of RS 130, 235, 236, 335
Approved JS/RS 338 prerequisite: One of RS 130/JS 131, 235, 235, 335

Following approval, it was discovered that RS 335 does not exist. Upon investigation, it was discovered that RS 335 was renumbered to RS 350 (in September 2008) but that this one appearance of the old number was not found as the number 335 was reused for another course, which has since been inactivated. Additionally, Religious Studies no longer desires to have a 300-level RS course as a prerequisite for another 300-level course.

Therefore, the JS/RS prerequisite has been amended, effective September 2015, as follows:

**Prereq:** One of RS 130/JS 131, RS 235, RS 236

5. **AFM 382/482 – Performance Measurement and Organizational Control**

At the May 2014 SUC meeting, the committee approved the following:

- Inactivation of AFM 382 – Performance Measurement and Organizational Control
- Creation of AFM 482 – Performance Measurement and Organizational Control

The intent behind these motions was to remove the AFM 382 cross-listing from AFM 482, which had been added in 2012 after the course renumbering, to allow old curriculum students to access the old course number and new curriculum students to access the new course number. The committee approved this intent. However, the approved motions did not reflect the desired outcome, and unless rectified, will cause issues down the road (with requisite lists, students being allowed to “retake” the new course, etc.). The following has been done in order to fix the issue:

- **Withdraw the approved inactivation of AFM 382**
  - The inactivation of its cross-listing, AFM 482, did not appear in the report as the cross-list was removed from the system prior to coding the inactivation

- **Withdraw the approved creation of AFM 482**
- **For AFM 382/482, remove the cross-listing of AFM 382, leaving only AFM 482**

This is a technical resolution that leaves AFM 482 with the correct coding in the system for future purposes.
6. **AFM 401 – Accounting Theory**

At the May 2014 SUC meeting, the School of Accounting and Finance was bringing a prerequisite change to their course, AFM 401. The motion was approved, however due to a report printing issue, the new prerequisite field was not printed and the committee was not able to view the complete motion. As the motion was nonetheless approved, for SUC’s information the following is what should have appeared on the report as part of the motion:

**Former prerequisite:** AFM 391 or AFM 491; Accounting and Financial Management, Computing and Financial Management, Science Biotechnology/Chartered Accountancy or Mathematics Accounting students only

**New prerequisite:** AFM 391 or AFM 491; Accounting and Financial Management, Computing and Financial Management, Mathematics/Chartered Professional Accountancy, and Biotechnology/Chartered Professional Accountancy students only

7. **FINE 275/EASIA 231R/SI 231R – Calligraphy to Conceptual Art: Text as an Image in Islamic and East Asian Visual Arts**

At the June 2014 SUC meeting, this new course (cross-listed three ways) was created. As the material had previously been taught as a topics course under FINE 204 and SI 375R, an antirequisite was added:

Approved antirequisite of FINE 275: FINE 204 or SI 375R taken Winter 2014
Approved antirequisite of EASIA 231R: FINE 204 or SI 375R taken Winter 2014
Approved antirequisite of SI 231R: FINE 204 taken Winter 2012 or Winter 2014; SI 375R taken Winter 2014

The offerings listed as antirequisites aren’t consistent; the rationale did state that “a version of this course has been successfully offered twice as a special topics course...”. Upon further investigation, it was determined that this topic was offered as follows:

    Winter 2012 – FINE 204 (section 001)
    Winter 2014 – FINE 204 (section 001) and SI 375R (section 001)

Therefore, we are correcting the antirequisites to list all of the previous offerings as well as making it consistent (effective January 1, 2015):

**New antirequisites for all three courses:** FINE 204 (section 001) taken Winter 2012, Winter 2014; SI 375R taken Winter 2014
8. RS 219/SOC 261 – Religion in America

At the June 2014 SUC meeting, the committee approved the following:

- Inactivation of SOC 261 – Religion in America
- Creation of RS 219 – Religion in America

The intent behind these motions was to remove the SOC 261 cross-listing from RS 219, and the committee did approve this intent. However, on a technical side, the approved motions did not reflect the desired outcome, and unless rectified, will cause issues down the road (with requisite lists, students being allowed to “retake” the new course, etc.). The following has been done in order to fix the issue:

- **Withdraw the approved inactivation of SOC 261**
  - The inactivation of its cross-listing, RS 219, did not appear in the report as the cross-list was removed from the system prior to coding the inactivation (the order in which is this done in the system makes a big difference)
- **Withdraw the approved creation of RS 219**
- **For RS 219/SOC 261, remove the cross-listing of SOC 261, leaving only RS 219**

This is a technical resolution that leaves RS 219 with the correct course coding in the system for future purposes.

9. Management Studies Minor

At the June 2014 SUC meeting, changes to the existing Management Studies Minor were submitted for approval.

Students are currently required to complete a statistics course and new statistics courses were unnecessarily added (all have been previously inactivated) to the existing statics courses list.

List, as approved in June (bolding indicates what was added):
Statistics: one of ARTS 280; ECON 221; ENVS 278; GBDA 205; **ISS 250A, ISS 250B, ISS 250R**; KIN 222: LS 280; PSCI 314; PSYCH 292; REC 371; SDS 250R; SMF 230; SOC 280; STAT 202, STAT 206, STAT 211, STAT 221, STAT 231, STAT 241; SWREN 250A, SWREN 250B, SWREN 250R

We have removed the previously inactivated courses from the list, as follows:
Statistics: one of ARTS 280; ECON 221; ENVS 278; GBDA 205; **ISS 250A, ISS 250B, ISS 250R**; KIN 222: LS 280; PSCI 314; PSYCH 292; REC 371; SDS 250R; SMF 230; SOC 280; STAT 202, STAT 206, STAT 211, STAT 221, STAT 231, STAT 241; **SWREN 250A, SWREN 250B, SWREN 250R**

10. a) PSCI 497B – Study Abroad Experience

At the June 2014 SUC meeting, this new course was created. At the time, a corequisite of PSCI 497A was added. However, it was not Political Science’s intent for students to either have taken PSCI 497A or to take it concurrently with PSCI 497B if they had not taken 497A prior to 497B. Their desire was to simply require PSCI 497A as a prerequisite to PSCI 497B.

Therefore, the requisite field has been amended, effective September 2015, as follows:
**Prereq: PSCI 497A; Coreq: PSCI 497A**
10. b) PSCI 497A – Study Abroad Experience

At the June 2014 SUC meeting, this new course was created. The approved intent for this course was that students would take this course while abroad, then take PSCI 497B when they returned, and would receive a grade for both courses once 497B was completed (would receive an In Progress grade for 497A until 497B was completed). This intent was indicated in the motion’s rationale.

However, in an effort to make this intent clear to students, the following description note has been added to the course, effective September 2015:

[Note: A numeric grade for PSCI 497A will be submitted only after the completion of PSCI 497B].

10. c) Honours Political Science; Honours Political Science – Departmental Co-op; Joint Honours Political Science; Honours Political Science (Arts and Business Regular)

At the June 2014 SUC meeting, Political Science made some changes to their plans by creating two pathways: the Research Pathway and the Engagement Pathway.

The following note was added as part of the Research Pathway text:

Research Pathway: PSCI 499A, PSCI 499B, and one additional course at the 400-level, excluding PSCI 497A, PSCI 497B, PSCI 498A, PSCI 498B, and PSCI 498C. (Note: Students in the Research Pathway who take PSCI 498A, PSCI 498B, PSCI 498C, or PSCI 498D may count this course as one of the remaining Political Science courses in their plan, but it will not count towards the Research Pathway requirements).

However, the note listed PSCI 498D, which did not end up being created; therefore it needs to be removed. In addition, it was discovered, after approval, that the note should also have contained reference to the two PSCI 497 (A&B) courses.

The following note text will replace the previously approved note for all four academic plans listed above:

Research Pathway: PSCI 499A, ... (Note: Students in the Research Pathway who take PSCI 497A, PSCI 497B, PSCI 498A, PSCI 498B, or PSCI 498C, or PSCI 498D may count this course as one of the remaining Political Science courses in their plan, but it will not count towards the Research Pathway requirements).
## A. NEW PROGRAMS/PLANS

None

## B. CHANGES TO EXISTING PROGRAM/PLANS

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3. Honours Biology - Microbiology Specialization (Page 2)
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None

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   - Rules for Students enrolled in Faculty of Science Plans (Page 13)

## E. COURSE CHANGES

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   b. CHEM 101 (Page 1)
   c. EARTH 321 (Page 2)
   d. SCI 207 (Page 2)

#### ii) Changes to Existing Courses

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   b. CHEM 209, 356, 360 (Page 4)
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   d. PHYS 175, 263, 375 (Page 6)

#### iii) Inactivated Courses

None
A) NEW PROGRAMS/PLANS

None

B) CHANGES TO EXISTING PROGRAMS/PLANS

i) Biotechnology/Chartered Professional Accountancy Degree Requirements

Advisor: Kashif Memon

With there being an increasing involvement of business in the application of science and technology that is encouraged by a wide range of government incentives, there is a demand for professional accountants, who working in the public practice of accounting and in industry and government, and who can understand the specialized needs for services in these areas. The Faculty of Science, in co-operation with the School of Accounting and Finance, offers an Honours Biotechnology/Chartered Professional Accountancy Academic Plan which combines courses in Biotechnology with courses in Accounting and business-related areas of study. This plan provides a unique opportunity to prepare professional accountants with an integrated educational experience for a role in providing accounting and advisory services in the rapidly growing science and technology business sector of the economy.

Students considering a Chartered Professional Accountants (CPA) designation should be aware of all CPA requirements.

Rationale: Some courses require a grade of 60 or higher for the CPA designation. We want to make students aware that there are requirements for the CPA designation that are controlled external to the university. The CPA designation requirements change from time to time—and are in flux currently. We provide a similar alert to students in Earth & Environmental Sciences regarding the APGO academic requirements (http://ugradcalendar.uwaterloo.ca/page/SCI-Common-Earth-and-Enviro-Science-Reqts).

ii) Honours Biology- Biotechnology Specialization

Effective September 1, 2015

Biology electives for the **Biotechnology Specialization** - Must take three courses (1.5 units) from the following: BIOL 321, BIOL 323, BIOL 349, BIOL 365 or 366, BIOL 431, BIOL 439, BIOL 467, BIOL 486, BIOL 499
iii) Honours Biology- Microbiology Specialization

**Effective September 1, 2015**

Biology electives for the **Microbiology Specialization** - Must take five courses (2.5 units) of the following biology elective courses, three (1.5 units) must be at 400-level: BIOL 342, BIOL 345, BIOL 349, BIOL 365 or 366, BIOL 414, BIOL 441, BIOL 442, BIOL 443, BIOL 444, BIOL 447, BIOL 449, BIOL 467, BIOL 475, BIOL 499

iv) Honours Biology- Molecular Genetics Specialization

**Effective September 1, 2015**

Year Two
BIOL 239, BIOL 240, BIOL 240L, BIOL 241, **BIOL 266**, BIOL 273
CHEM 237/237L
CHEM 266/266L
STAT 202
Two Three electives (1.0 1.5 units)

Year Three
BIOL 308, 309, 331, 335L, 359, **365 or 366**

v) Honours Biochemistry (Reg. and Co-op)

**Effective September 1, 2015**

Year One
BIOL 130/130L Introductory Cell Biology/Cell Biology Laboratory
BIOL 239  Genetics
CHEM 101 Introduction to Biochemical Sciences
CHEM 120/120L Physical and Chemical Properties of Matter/Chemical Reaction Laboratory 1
CHEM 123/123L Chemical Reactions, Equilibria and Kinetics/Chemical Reaction Laboratory 2
CHEM 140 Introduction to Scientific Calculations
PHYS 121/121L Mechanics/Mechanics Laboratory
 or PHYS 111/111L Physics 1/Laboratory
PHYS 112/112L Physics 2/Laboratory
MATH 127 Calculus 1 for the Sciences
MATH 128 Calculus 2 for the Sciences
Free Elective (0.5 unit)

Group A
BIOL 308, BIOL 342, BIOL 365, 366, BIOL 382, BIOL 428, BIOL 431, BIOL 432, BIOL 433, BIOL 434, BIOL 335L, BIOL 438, BIOL 439, BIOL 441, BIOL 483, BIOL 486, BIOL 499A/B
CHEM 381, 430, 432, 433, 494A/B
vi) Honours Biochemistry -Biotechnology Specialization (Regular and Co-op)

**Effective September 1, 2015**

Group A

BIOL 308, BIOL 365, 366, BIOL 382, BIOL 428, BIOL 431, BIOL 434, BIOL 335L, BIOL 438, BIOL 486, BIOL 499A/B

CHEM 381, 430, 432, 433, 494A/B

vii) Honours Co-operative Science and Business/Biochemistry

**Effective September 1, 2015**

** Biology/Chemistry Electives**


**Rationale:** BIOL 366 is being changed and renumbered BIOL 266. BIOL 366 is therefore being removed from all specializations within Biology, where the course was listed. The Molecular Genetic specialization is adding the newly renumbered BIOL 266 as a requirement for second year and therefore removing one elective from this year. A new non-credit course, CHEM 101, is being added to all Biochemistry programs in first year.

d) Honours Environmental Science- Ecology Specialization (Reg. & Co-op)

**Effective September 2015**

Earth electives must be selected from the following list:

EARTH 221, 232, 235, 236, 238, 281, 321, 333, 358, 359, 421, 440, 458, 459

**Rationale:** A new course is being introduced by the Earth and Environmental Sciences department that will be made available to the Environmental Science- Ecology students as part of their recommended electives.

ix) Honours Earth Sciences – Geology Specialization (Reg. & Co-op)

**Effective September 2015**

Year One

CHEM 120/120L Physical and Chemical Properties of Matter/Laboratory
CHEM 123/123L Chemical Reactions, Equilibria and Kinetics/Laboratory
EARTH 121/121L Introductory Earth Sciences/Laboratory
EARTH 122/122L Introductory Environmental Sciences/Laboratory
EARTH 123/123L Introductory Hydrology/Field Methods in Hydrology
MATH 127/128 Calculus 1/2  
PHYS 111/111L Physics 1/Laboratory or PHYS 121/121L Mechanics/Laboratory  
PHYS 112/112L Physics 2/Laboratory or PHYS 122/122L Waves, Electricity and Magnetism/Laboratory  
One elective (0.5 unit)  

Year Two  
EARTH 123L Field Methods in Hydrology  
EARTH 221 Geochemistry 1  
EARTH 231 Mineralogy  
EARTH 232 Petrography  
EARTH 235 Stratigraphic Approaches to Understanding Earth's History  
EARTH 238 Introductory Structural Geology  
EARTH 260 Applied Geophysics 1  
MATH 106 Applied Linear Algebra 1  
or MATH 114 Linear Algebra for Science  
Arts Core (0.5 unit)  
Two electives (1.0 unit)  

Rationale: PHYS 111/111L and PHYS 112/112L are more applicable to the Geology specialization. It is preferred that students be enrolled into these courses instead of PHYS 121/121L and PHYS 122/122L; however, by listing both under the “Year One” requirement, students have a choice. EARTH 123L is being moved from the “Year One” Fall term to the “Year Two” Fall term to reduce the course load for first year Earth Science students from 3.5 credits, which is more than for any other first year Science student, to 3.25 credits.  

x) Honours Earth Sciences- Geophysics Specialization (Reg. & Co-op)  

Effective September 2015  
Year One  
CHEM 120/120L Physical and Chemical Properties of Matter/Laboratory  
CHEM 123/123L Chemical Reactions, Equilibria and Kinetics/Laboratory  
EARTH 121/121L Introductory Earth Sciences/Laboratory  
EARTH 122/122L Introductory Environmental Sciences/Laboratory  
EARTH 123/123L Introductory Hydrology/Field Methods in Hydrology  
MATH 106 Applied Linear Algebra 1 or MATH 114 Linear Algebra for Science  
MATH 127/128 Calculus 1/2  
PHYS 121/121L Mechanics/Laboratory  
PHYS 122/122L Waves, Electricity and Magnetism/Laboratory
Year Two

**EARTH 123L Field Methods in Hydrology**
**EARTH 221 Geochemistry 1**
**EARTH 231 Mineralogy**
**EARTH 232 Petrography**
**EARTH 235 Stratigraphic Approaches to Understanding Earth's History**
**EARTH 238 Introductory Structural Geology**
**EARTH 260 Applied Geophysics 1**
**MATH 227 Calculus 3 for Honours Physics or CIVE 221 Advanced Calculus**
**MATH 228 Differential Equations for Physics and Chemistry or CIVE 222 Differential Equations**
**Arts Core (0.5 units)**
**One elective (0.5 units)**

xi) Honours Earth Science- Hydrogeology Specialization (Reg. & Co-op)

**Effective September 2015**

Year One

**CHEM 120/120L Physical and Chemical Properties of Matter/Laboratory**
**CHEM 123/123L Chemical Reactions, Equilibria and Kinetics/Laboratory**
**EARTH 121/121L Introductory Earth Sciences/Laboratory**
**EARTH 122/122L Introductory Environmental Sciences/Laboratory**
**EARTH 123/123L Introductory Hydrology/Field Methods in Hydrology**
**MATH 127/128 Calculus 1/2**
**PHYS 121/121L Mechanics/Laboratory**
**PHYS 122/122L Waves, Electricity and Magnetism/Laboratory**
**One elective (0.5 unit)**

Year Two

**EARTH 123L Field Methods in Hydrology**
**EARTH 221 Geochemistry 1**
**EARTH 231 Mineralogy**
**EARTH 232 Petrography**
**EARTH 235 Stratigraphic Approaches to Understanding Earth's History**
**EARTH 238 Introductory Structural Geology**
**EARTH 260 Applied Geophysics 1**
**MATH 106 Applied Linear Algebra 1 or MATH 114 Linear Algebra for Science**
**MATH 218 Differential Equations for Engineers**
**Arts Core (0.5 units)**
**One elective (0.5 units)**

**Rationale:** EARTH 123L is being moved from the “Year One” Fall term to the “Year Two” Fall term for both the Geophysics and Hydrogeology Specializations in the Earth Sciences programs to reduce the course load for first year Earth Sciences students from 3.5 credits, which is more than any...
other first year Science student, to 3.25 credits.

xii) Honours Physics (Reg. & Co-op)

Year Three
Fall
PHYS 10 Physics Seminar
PHYS 334 Quantum Physics 2
PHYS 342 Electricity and Magnetism 2
PHYS 358 Thermal Physics
PHYS 360A Modern Physics Laboratory 1
PHYS 363 Intermediate Classical Mechanics
PHYS 364 Mathematical Physics 1
One elective (0.5 unit)

Winter
PHYS 10 Physics Seminar
PHYS 342 Electricity and Magnetism 2
PHYS 334 Quantum Physics 2
PHYS 359 Statistical Mechanics
PHYS 365 Mathematical Physics 2
Two electives (1.0 unit)
One elective 300- or 400-level Physics lab (0.25 unit)

xiii) Honours Mathematical Physics (Reg. & Co-op)

Year Three
Fall
PHYS 10 Physics Seminar
PHYS 358 Thermal Physics
PHYS 363 Intermediate Classical Mechanics
PHYS 342 Electricity and Magnetism 2
AMATH 351 Ordinary Differential Equations
STAT 231 Statistics
One elective (0.5 unit)

Winter
PHYS 10 Physics Seminar
PHYS 342 Electricity and Magnetism 2
PHYS 359 Statistical Physics
AMATH 373 Quantum Theory 1*
AMATH/PMATH 332 Applied Complex Analysis
AMATH 353 Partial Differential Equations 1
One elective (0.5 unit)
xiv) Honours Physics and Astronomy (Reg. & Co-op)

Year Three

Fall (Spring for co-op version)
PHYS 10 Physics Seminar
PHYS 334 Quantum Physics 2
PHYS 342 Electricity and Magnetism 2
PHYS 358 Thermal Physics
PHYS 363 Intermediate Classical Mechanics
PHYS 364 Mathematical Physics 1
One elective (0.5 unit)

Winter
PHYS 10 Physics Seminar
PHYS 334 Quantum Physics 2
PHYS 342 Electricity and Magnetism 2
PHYS 359 Statistical Mechanics
PHYS 370L Astronomy Laboratory
PHYS 375 Stars
Two electives (1.0 unit)

Rationale: For all Physics, Mathematical Physics, Physics and Astronomy, and Materials and Nanosciences (see items xv and xvi), regular and co-operative programs, PHYS 342 (Electricity and Magnetism 2) is being switched from a 3B to 3A term, and where applicable, PHYS 334 (Quantum Physics 2), is being moved from a 3A to a 3B term. This will allow students to learn about Maxwell’s equations (PHYS 342) in 3A, required for senior optics courses taught in 3B.

xv) Honours Materials and Nanosciences (Reg.)

Year One

Fall
BIOL 130 Introductory Cell Biology
CHEM 120/120L Physical and Chemical Properties of Matter/Laboratory
MATH 114 Linear Algebra for Science
MATH 127 Calculus 1 for the Sciences
MNS 101 Materials and Nanosciences in the Modern World
PHYS 121/121L Mechanics/Laboratory

Year Three

Fall
CHEM 209 Introductory Spectroscopy and Structure
CHEM 356 Introductory Quantum Mechanics
MNS 331 Biomaterials (Bio Stream)
  or MNS 321 Electrical and Optical Properties of Materials (Materials Stream)
Two electives (1.0 unit)

Winter
MNS 322 Polymer Materials
PHYS 342 Electricity and Magnetism 2
Four Three electives (2.0 1.5 units)

Year Four

Fall
PHYS 342 Electricity and Magnetism 2
PHYS 380 Molecular and Cellular Biophysics (Bio stream)
  or PHYS 461 Nanophysics (Materials stream)
Three Four electives (2.0 1.5 units)

List of Technical Electives

BIOL 130 Introductory Cell Biology
BIOL 239 Genetics
BIOL 240 Fundamentals of Microbiology
BIOL 309 Analytical Methods in Molecular Biology
CHEM 250L Physical Chemistry laboratory 1
CHEM 267 Basic Organic Chemistry 2
CHEM 310 Transition Metals/Inorganic Materials
CHEM 333 Metabolism 1
CHEM 340 Introduction to Computational Chemistry
CHEM 410 Special Topics in Inorganic Chemistry
CHEM 430 Special Topics in Biochemistry
CHEM 450 Special Topics in Physical Chemistry
CHEM 470 Special Topics in Polymer Chemistry
CHEM 494A Research Project and CHEM 494B Research Project
  or PHYS 437A Research Project and PHYS 437B Research Project
PHYS 256 Geometrical and Physical Optics
PHYS 334 Quantum 2
PHYS 335 Condensed Matter Physics
PHYS 359 Statistical Mechanics
PHYS 360A Modern Physics, Laboratory 1
PHYS 391 Electronics
PHYS 392 Scientific Measurement and Control
PHYS 396 Biophysics of Imaging
STAT 202 Introduction to Statistics
xvi) Honours Co-operative Materials and Nanosciences

Fall 1A

**BIOL 130 Introductory Cell Biology**
**CHEM 120/120L Physical and Chemical Properties of Matter/Laboratory**
**MATH 114 Linear Algebra for Science**
**MATH 127 Calculus 1 for the Sciences**
**MNS 101 Materials and Nanosciences in the Modern World**
**PHYS 121/121L Mechanics/Laboratory**

Winter 3B

**CHEM 350 Chemical Kinetics (Materials stream) or CHEM 357 Physical Biochemistry (Bio stream)**
**PHYS 342 Electricity and Magnetism 2**
**Four Three Electives (4.5 2.0 units)**

Fall 4A

**PHYS 342 Electricity and Magnetism 2**
**MNS 331 Biomaterials (Bio stream) or MNS 321 Electrical and Optical Properties of Materials (Materials stream)**
**PHYS 380 Molecular and Cellular Biophysics (Bio stream) or PHYS 461 Nanophysics (Materials stream)**
**Two Three Electives (4.5 1.0 units)**

List of Technical Electives

**BIOL 130 Introductory Cell Biology**
**BIOL 239 Genetics**
**BIOL 240 Fundamentals of Microbiology**
**BIOL 309 Analytical Methods in Molecular Biology**
**CHEM 250L Physical Chemistry laboratory 1**
**CHEM 267 Basic Organic Chemistry 2**
**CHEM 310 Transition Metals/Inorganic Materials**
**CHEM 333 Metabolism 1**
**CHEM 340 Introduction to Computational Chemistry**
**CHEM 410 Special Topics in Inorganic Chemistry**
**CHEM 430 Special Topics in Biochemistry**
**CHEM 450 Special Topics in Physical Chemistry**
**CHEM 470 Special Topics in Polymer Chemistry**
**CHEM 494A Research Project and CHEM 494B Research Project or PHYS 437A Research Project and PHYS 437B Research Project**
**PHYS 256 Geometrical and Physical Optics**
**PHYS 334 Quantum 2**
**PHYS 335 Condensed Matter Physics**
PHYS 359 Statistical Mechanics
PHYS 360A Modern Physics, Laboratory 1
PHYS 391 Electronics
PHYS 392 Scientific Measurement and Control
PHYS 396 Biophysics of Imaging
STAT 202 Introduction to Statistics

**Rationale:** Most of the content in BIOL 130 is not directly relevant to the upper-year Materials and Nanosciences (MNS) courses. The relevant material from BIOL 130 is adequately covered in the upper year MNS courses that focus on biomaterials (e.g. MNS 331). BIOL 130 has been added to the list of technical electives for those interested in cell biology. Students will benefit from MATH 114 (Linear Algebra) taken early on in the program, because it is a pre-requisite for upper year physics courses (e.g. Electromagnetism, Quantum Mechanics, Computation and Modelling). The technical electives have been expanded to include courses that are relevant to aspects and interests of the MNS program. CHEM 250L expands basic experimental and instrumentation skills in chemical/process characterization, spectrometry and spectroscopy; STAT 202 offers background in understanding errors, uncertainty and data distribution; PHYS 391 provides relevant background, key for building solar cells, nanoelectronics and other nano applications; and, PHYS 392 provides relevant background for understanding advanced instrumentation for MNS research.

xvii) Optometry

a. Requirements for Admissions

Application Procedures

Specific instructions, including deadlines, will be outlined in the application procedures accompanying the Application.

**Criminal Record Checks - Vulnerable Sector (CRC)** will be required for entering students. Continuation in the degree program will be conditional upon completion of an Annual Self-Declaration Form.

Applicants, who are invited to an admissions interview for the Doctor of Optometry program, will be required to provide a Criminal Record Check - Vulnerable Sector (CRC) by January 31 of the academic year of their application. If the CRC or self-declaration of any disciplinary proceedings on the application informs the Doctor of Optometry’s Admissions Officer of a criminal offence or disciplinary action, then the School of Optometry and Vision Science’s Criminal Record Check Consideration Committee will meet and take into account various factors related to the offence. Applicants who are unsure regarding disclosure are strongly advised to contact the Admissions Officer for advice before submitting their application.

More information about obtaining a CRC can be obtained from the local police agency. Applicants are responsible for paying any costs related to having the CRC sent to the School.
Self-Declaration

If accepted, students will be required to provide an annual written Self-Declaration regarding any criminal convictions, cautions or disciplinary proceedings by August 31 before entering years 2 and 3, and by April 1 before entering year 4. This includes minor misdemeanours but not road traffic offences dealt with by way of a fixed penalty notice. Other external clinics may require separate CRC reports. Failure to disclose any relevant information that is revealed subsequently may result in an investigation by the University's Secretariat, and the revocation of the student’s registration in the Doctor of Optometry program.

All information received by the University is treated confidentially, in accordance with applicable privacy legislation.

The deadline for receipt of final academic transcripts is May 31. Upon entrance into Optometry, students will be required to submit documentation of up-to-date immunization for measles, rubella, mumps, diphtheria, tetanus, a tuberculin skin test, and hepatitis B. Students are not allowed to participate in the optometry clinics without this documentation.

Students granted admission to the first professional year who have taken courses equivalent to those required in the professional program may apply for exemptions from these courses after acceptance into Optometry.

Rationale: During training to become an optometrist at the School, students will work with members of the public as patients in its clinics, including children and vulnerable adults. It is therefore prudent that one of the conditions of acceptance into the Doctor of Optometry program be that students declare all criminal convictions, cautions and disciplinary proceedings before being admitted to the program and annually while enrolled in the Doctor of Optometry Program.

For Transparency, the School of Optometry and Vision Sciences process for considering CRC information is included below:

If a submitted CRC informs the Admissions Office of a criminal offence, then the School of Optometry and Vision Science’s Criminal Record Check Consideration Committee (CRCCC) will meet and take into account various factors related to the offence.

If students declare a criminal conviction or disciplinary action while enrolled as a student in the Doctor of Optometry program, the Undergraduate Office will contact them to discuss it and to gather information, which the Undergraduate Officer will then present to the CRCCC.

Evaluation for admission of Applicants, who have a criminal record or disciplinary action:

The CRCCC may, in its sole discretion, consider a number of factors including, but not limited to, the following:

- the nature and seriousness of the offence or event;
- the circumstances surrounding the offence or event;
- whether the offence or event was an isolated or repeated incident;
- the relationship between the duties to be performed as a part of the educational program and the offence committed;
- the age of the person when the offence or event occurred; and
- the length of time that has passed since the offence or event.
• past employment and history of academic or disciplinary misconduct;
• evidence of rehabilitation or that restitution has been made;
• the accuracy and completeness of the information provided by the applicant; and
• experiential site or provincial board licensure policies.

The Criminal Record Check Consideration Committee membership is

- the Associate Director for Clinical Programs or the Clinic Director;
- an Admissions Officer or a member of the Admissions Committee;
- an Undergraduate Officer or a member of the Undergraduate Committee; and
- a member of the University Secretariat

The applicant for admission has the right to make written submissions to the CRCCC. Such written submissions will be considered by the Committee only if they are received by the School within one month of the CRC submission. An applicant for admission may consult the Admissions Officer as a resource.

After considering all of the available information, the CRCCC may determine that:

i  the applicant is offered admission into the Doctor of Optometry program; or
ii  the applicant is not admitted into the program.

The CRCC will use the same criteria for students who acquire a criminal record or disciplinary action while enrolled in the Doctor of Optometry Program.

The CRCCC may determine that

i  the student is allowed to proceed in the Doctor of Optometry program;
ii  the student is not allowed to proceed in the program; or
iii  the student is allowed to proceed in the program with restrictions or if specified conditions are met.

C) INACTIVATED PROGRAMS/PLANS

None
D) CHANGES TO REGULATIONS AND PROCEDURES

i) Faculty Information and Regulations
   a. Rules for Students enrolled in Faculty of Science plans

Repeating Courses

When courses are taken twice but passed once, both grades are included in average calculations regardless of whether the failure occurred on the first or second attempt. In such cases, both a credit and a failure are recorded.

Courses, or their equivalents, which have already been passed, will neither be counted for credit a second time nor counted in any averages.

Third attempts in previously failed courses, or their equivalent, are allowed in some plans in Science but not all. Where it is not allowed, the information is outlined in the program/plan section of the undergraduate calendar. Students uncertain of the rules for their program/plan should contact an Undergraduate Advisor before starting a third attempt. Fourth attempts are not allowed.

Science Regulations Governing 6th and 7th course enrolments/term

1. The maximum allowable per term lecture enrolment in the Three-year General BSc plan is 2.5 lecture units (5 courses).

2. The normal allowable per term course load in Honours BSc plans is 5 lecture courses and their associated labs. Enrolment will be capped at 3.25 units per term unless it occurs as part of the published course sequence of a Science plan.

   • Students are advised not to enrol in 6 lecture courses per term and, normally, will be required to drop one course unless their cumulative overall average is above 80%.
   • Students wishing to exceed 3.25 units by enrolling in:
     o Any combination of lectures or labs, involving less than 7 lecture courses, will:
       ▪ Submit a unit load override request to their program advisor for consideration, within the course selection period.
     o 7 lecture courses, will:
       ▪ Normally, have a 90% cumulative average.
       ▪ Submit a petition for consideration by the Science Petitions Committee. The petition must be delivered to the Science Undergraduate Office and include the 70A form, supporting rationale or documentation, as well as comments from their program advisor. Petitions must be submitted at least one month before the start of the term (April 1 for Spring, August 1 for Fall, and December 1 for Winter).
Rationale: Text regarding repeating passed courses was inadvertently dropped from the 2014/2015 calendar changes previously approved by SUCS. Science students need to know what the rules are governing 6th and 7th course enrolments.

E) COURSE CHANGES

i) New Courses (see attached SA Catalog report 9)
   a. BIOL 469
   b. CHEM 101
   c. EARTH 321
   d. SCI 207

ii) Changes to Existing Courses (see attached SA Catalog report 9)
   a. BIOL 365, 366, 465
   b. CHEM 209, 356, 360
   c. PHARM 222, 223
   d. PHYS 175, 263, 375

iii) Inactivated Courses (see attached SA Catalog report)
    None
NEW COURSES  (for approval)

Biology

Effective  01-SEP-2015

BIOL  469  (0.50)  LAB, LEC  Genomics
An applied course on the computational exploration of genomes. Topics include comparative and evolutionary genomics, metagenomics, and genomics applications in health/medicine. The lab will involve analysis of genomic datasets using scripting and bioinformatic software. [Note: Offered: F]

Requisites : Pre-req: BIOL 239 and one of BIOL 266, BIOL 365 or BIOL 366
Rationale : The ability to analyze and interpret genomic datasets is a necessary and powerful tool for the next generation of biology students. While genomics is touched upon by numerous courses, there are no courses exclusively on genomics and its many subfields. Furthermore, there are no courses within Biology that teach the skills required to access, interact with, and analyze genomic data. Thus, both the theoretical and applied skills would be an asset to the current biology undergraduate program.

Chemistry

Effective  01-SEP-2015

CHEM  101  (0.00)  SEM  Introduction to Biochemical Sciences
The Biochemist in society: Lectures, workshops, or seminars focusing on academic and professional development [Offered: F]

Requisites : Prereq: 1A Biochemistry students only
Rationale : CHEM 101 will provide a weekly 50 minute time slot when we can meet and interact with the 1A Biochemistry students. This course is intended to help our students succeed as they transition to university and, we hope, to contribute to building a sense of community among our students. In addition to welcoming them to the field, and highlighting opportunities and skills that are unique to the biochemical sciences, they will learn skills that they can use throughout their academic career. We will accomplish this by involving faculty and lab instructors, the Student Success Office, the Centre for Career Action, Co-op and upper year students, and supported learning groups to help our students be successful in all their first-year courses.

Earth and Environmental Sciences

Effective  01-SEP-2016

EARTH  321  (0.50)  LEC  Introduction to Geomicrobiology
This course will provide an overview of how microbial life has affected Earth's environment through time. Emphasis will be on geomicrobial processes in the lithosphere and hydrosphere. Geomicrobial interactions with key elements will be discussed. [Instructor consent required for students lacking EARTH 221 prerequisite; Offered: W]

Requisites : Pre-req: EARTH 221
Rationale : Geomicrobiology is a rapidly rising field in geology. This new course will fill the gap in the current Earth and Environmental Sciences curriculum and will introduce students to the importance of microbial processes related to geology. This course complements existing courses such as Earth 281 (Geological Impacts on Human Health) and Earth 358 (Earth System Sciences).

Dean of Science Office

Effective 01-JAN-2015

SCI 207 ( 0.50 ) LEC Physics, the Universe, and Everything
How does the universe work? How can it even exist? What is the ultimate nature of reality? This course explores big picture questions that connect humanity to the nature of the physical world. Beginning with introduction to Einstein's ideas and the quantum nature of the universe, this course considers how physicists tackle some of the mysteries (e.g., existence itself) and challenges (e.g., the world's energy problem) in science today. [Note: No mathematics or other specialized knowledge is required; students from non-science faculties are encouraged to attend. Offered: W]

Requisites : Prereq: At least 2A or higher Antireq: None
Rationale : University students as a whole -- indeed, the general public -- have a significant interest in the role science plays in our society and in the questions it raises concerning the universe and our place within it. This course will serve primarily to educate students across all disciplines about the particular issues raised by physics and cosmology at the leading edge of these subjects, so that students are better equipped to be scientifically-literate citizens in the 21st century.

COURSE CHANGES (for approval)

Biology

Current Catalog Information
BIOL 366 ( 0.50 ) LEC Introduction to Bioinformatics
An introduction to the basics of bioinformatics including computational tools and databases used in the collection and analysis of DNA, RNA and proteins. [Notes: Offered in even numbered years. Offered: W]
No Special Consent Required

Effective 01-SEP-2015

Subject/Catalog Nbr Change: BIOL 266
Component Change: LAB, LEC
Title Change: Introduction to Computational Biology
Description Change: This course provides an introduction to computational methods in biology, including exploration of bioinformatics databases and tools, analysis of protein and DNA sequences, and computer-aided modelling of biological systems. Labs will include practical experience applying computational tools to biological problems. [Offered: F]

Requisite Change:
Prereq: BIOL 130

Rationale: This revised introductory computational biology course has been moved from third year to second year to provide a more appropriate background for students in Biology or Science taking computational and mathematical biology courses in upper years (for e.g. BIOL 365 and BIOL 465).

Current Catalog Information

BIOL 365 (0.50) LAB, LEC Resources in Bioinformatics
A survey of the resources available for analysis of DNA, RNA and protein sequence data. The focus will be on existing tools and databases and their application. Included will be practical experience with web-based bioinformatics tools. This course is primarily intended for Bioinformatics and Computational Science students. [Offered: W]

No Special Consent Required

Requisites: Prereq: BIOL 208/309, MATH 127 or 137. Antireq: BIOL 366

Effective 01-SEP-2015

Title Change: Methods in Bioinformatics
Description Change: This course covers bioinformatics methods with an emphasis on analysis of high-throughput ‘-omics’ data. Topics include analysis of genome-scale gene and protein expression, construction of species and gene trees from molecular sequence data, and analysis of biological systems using bioinformatics tools. Included will be practical experience with bioinformatics tools and datasets. [Offered: W]

Requisite Change:
Prereq: BIOL 239 and one of BIOL 266, CHEM 140 or CS 136

Rationale: Currently there are two third year bioinformatics courses (BIOL 366/BIOL 365) with significant overlap in course content. These will be merged into one BIOL 365 course and a second year introductory computational biology course, BIOL 266 (formerly BIOL 366), will provide background for students in Biology or Science. Prereqs have been changed so that this course is available to Biochemistry and Bioinformatics students, who have appropriate background through CS 136 or CHEM 140.

Current Catalog Information

BIOL 465 (0.50) LEC, TUT Current Topics in Bioinformatics
This course will deal with current issues and trends in Bioinformatics. The course
will be divided between lectures and student seminars. [Offered: W]

No Special Consent Required

Requisites :

Effective 01-SEP-2015

Prereq: BIOL 365. Coreq: CS 482

Title Change: Structural Bioinformatics

Description Change: Functional and structural analysis of proteins using bioinformatics tools. Topics include protein structure visualization, structure comparison and prediction, prediction of protein function and interactions, molecular dynamics, and protein design. [Offered: W]

Requisite Change : Prereq: CHEM 237 and one of BIOL 266, BIOL 365 or BIOL 366

Rationale : We are proposing a modification of course content to emphasize structural bioinformatics in BIOL 465. This will complement the new genomics course BIOL 469, and will also replace some of the content previously offered in CS 483 (no longer offered after 2015).

Chemistry

Current Catalog Information

CHEM 209 (0.50) LEC, TUT Introductory Spectroscopy and Structure

The nature of electromagnetic radiation and an elementary outline of quantum mechanics in one dimension. For each of microwave, infrared, Raman, electronic, photoelectron, and nuclear magnetic resonance spectroscopy, the nature of the molecular energy levels involved and the type of molecular information that can be obtained using it are examined. Introduction to diffraction methods. [Offered: F]

No Special Consent Required

Effective 01-MAY-2015

Requisites : Prereq: CHEM 120 or 121 or NE 121. Antireq: CHEM 129

Description Change: The nature of electromagnetic radiation and an elementary outline of quantum mechanics in one dimension. For each of microwave, infrared, Raman, electronic, photoelectron, and nuclear magnetic resonance spectroscopy, the nature of the molecular energy levels involved and the type of molecular information that can be obtained using it are examined. [Offered: F]

Rationale : There is insufficient time available in this course to cover introduction to diffraction methods. Therefore, this topic is being removed from the course description.

Current Catalog Information

CHEM 356 (0.50) LEC, TUT Introductory Quantum Mechanics

Historical background; the differential equation approach to quantum mechanics; treatments of solvable problems such as the particle-in-a-box, harmonic oscillator, rigid rotator and the hydrogen atom; introduction to approximation methods for more complicated systems. [Note: Formerly CHEM 256. Offered: F]

No Special Consent Required

Effective 01-MAY-2015

Requisites : Prereq: CHEM 209, 240. Antireq: PHYS 234
Requisite Change: Prereq: CHEM 240 or MATH 228. Antireq: PHYS 234
Rationale: CHEM 209 is being removed as a prerequisite because the CHEM 356 instructors agree that it is not necessary. CHEM 240 remains an appropriate prerequisite for students in Honours Chemistry, while the addition of MATH 228, as a prerequisite, provides students in other science programs the appropriate mathematical background for CHEM 256.

Current Catalog Information
CHEM  360 (0.50)  LEC, TUT Organic Chemistry 3
Enolate alkylation and condensation reactions; conjugate addition reactions. Chemistry of amines and other nitrogen compounds. Pericyclic reactions and FMO theory. [Offered: W]
No Special Consent Required
Effective 01-MAY-2015
Requisites: Prereq: CHEM 265; Honours Programs only
Description Change: Enolate alkylation, condensation, conjugate addition and pericyclic reactions. FMO theory, organometallics and transition metal-catalyzed C-C bond formation. [Offered: W]
Rationale: The new course description reflects the content currently taught in CHEM 360.

Pharmacy - School of

Current Catalog Information
PHARM  222 (1.00)  LEC, TUT Integrated Patient Focused Care 3
This is the third of nine sequential courses. Topics discussed through patient scenarios and assignments will focus on two to three body systems. [Offered: S]
No Special Consent Required
Effective 02-MAY-2015
Requisite Change: Prereq: PHARM 220, 221; Pharmacy students only
Rationale: Understanding of concepts in PHARM 224 is necessary for success in PHARM 222.

Current Catalog Information
PHARM  223 (1.00)  LEC, TUT Integrated Patient Focused Care 4
This is the fourth of nine sequential courses. Topics discussed through patient scenarios and assignments will focus on two to three body systems. [Offered: S]
No Special Consent Required
Effective 02-MAY-2015
Requisite Change: Prereq: PHARM 220, 221, 224; Pharmacy students only
Rationale: Understanding of concepts in PHARM 224 is necessary for success in PHARM 223.
Physics & Astronomy

**Current Catalog Information**

**PHYS 175 (0.50) LEC**

*Introduction to the Universe*

A survey course in astrophysics intended for Physics and Astronomy students. Astrophysical processes, the sky, the Sun, stars, black holes, the Milky Way and other galaxies, Big Bang cosmology. [Offered: W]

No Special Consent Required

Requisites: Prereq: One of PHYS 111, 115, 121; one of MATH 116, 117, 127, 137, 147. Coreq: PHYS 175L. Antireq: SCI 237, 238

**Effective 01-MAY-2015**

Description Change: A survey course in astrophysics intended for Physics and Astronomy students. Astrophysical processes, the sky, the Sun, stars, black holes, the Milky Way and other galaxies, Big Bang cosmology. [Note: students in any Physics and Astronomy or Astrophysics specialization programs must also take PHYS 175L; Offered: W]

Requisite Change: Prereq: One of PHYS 111, 115, 121; one of MATH 116, 117, 127, 137, 147. Antireq: SCI 237, 238

Rationale: The PHYS 175L co-requisite was removed to broaden the appeal of the course for students interested in the subject but who do not need the lab component. The description was updated to note which programs require the lab component.

**Current Catalog Information**

**PHYS 263 (0.50) LEC**

*Classical Mechanics and Special Relativity*


No Special Consent Required

Requisites: Prereq: One of PHYS 111, 121; One of PHYS 112, 122; One of MATH 108, 128, 138, 148; One of MATH 228, AMATH 250, 251; Not open to General Mathematics students. Antireq: AMATH 261, 271

**Effective 01-MAY-2015**

Requisite Change: Prereq: One of PHYS 111, 121; One of PHYS 112, 122; One of MATH 108, 128, 138, 148; One of MATH 228, AMATH 250, 251 Antireq: AMATH 261, 271

Rationale: There is no reason that Mathematics students should not be allowed to take PHYS 263, or PHYS 363, 475 or 476, which require PHYS 263 as a pre-requisite. Therefore, the requisite which excludes these students from taking PHYS 263 is being removed.

**Current Catalog Information**

**PHYS 375 (0.50) LEC**

*Stars*

Stellar distances, masses, ages. Stellar interiors and atmospheres, star formation and evolution. Supernovae, white dwarfs, neutron stars, black holes. [Offered: W]
No Special Consent Required
Requisites : Prereq: PHYS 112 or 122 and two of PHYS 234, 241, 242, 256, 258/358, 263, 275

Effective 01-MAY-2015
Requisite Change : Prereq: PHYS 112 or 122 and two of PHYS 234, 241, 242, 256, 258/358, 263/AMATH 271, 275
Rationale : AMATH 271 is an anti-requisite for PHYS 263. Either course can be used as a pre-requisite for PHYS 375.
NEW UNDERGRADUATE AWARDS
for the current Undergraduate Calendar web site
- submitted for September 9, 2014 meeting of Senate UG Council -

ENTRANCE SCHOLARSHIPS/ AWARDS/ BURSARIES:

Norm Ashton Memorial Scholarship
One scholarship, valued at $1,500, is awarded annually to an outstanding undergraduate student entering first-year studies in the Department of Kinesiology. Selection will be based on academic excellence, extracurricular involvement, participation in volunteer activities, and leadership potential as assessed through the Admission Information Form (AIF). This scholarship is made possible by donations from family, friends and colleagues to honour the memory of Norm Ashton, former Chair of the Department of Kinesiology.

Method of Financing: donations held by Department to support scholarship for approximately seven years

eJust Systems Inc. GBDA Scholarship
One scholarship, valued at $2,500, is provided annually to a student entering Year One of the Bachelor of Global Business and Digital Arts program. Selection will be based on academic achievement and significant demonstrated extracurricular involvement as assessed through the Admission Information Form. This fund is made possible by a donation from eJust Systems Inc. No application is necessary.

Method of Financing: one-time donation to provide the scholarship for four years

Goulet Engineering Undergraduate Bursary
A bursary, valued at $1,000, is awarded annually to a full-time undergraduate student enrolled in Year One in the Faculty of Engineering who is in good academic standing and who has demonstrated financial need as determined by UWWaterloo. Canadian citizens, permanent residents and study permit/visa students are eligible for consideration. To be considered, students must complete a UW bursary application. This fund is made possible by a donation from Patrick Goulet, a 1990 master’s graduate from the Electrical Engineering program.

Method of Financing: endowment

Fred Groch Entrance Bursary
Two bursaries, valued at $3,000 each, are awarded annually to full-time undergraduate students enrolled in Year One of any program in the Faculty of Engineering on the basis of financial need and academic achievement. To be considered, students must apply for the Waterloo Entrance Bursary program. This fund is made possible by a donation from Fred Groch who passionately supports higher education.

Method of Financing: one-time donation to provide bursaries for five years

Ed Jernigan Knowledge Integration Entrance Scholarship
A scholarship, valued at $3,000, is awarded annually to an outstanding full-time undergraduate student entering Year One of the Bachelor of Knowledge Integration program. Selection is based on academic achievement and extracurricular involvement as assessed through the Admission Information Form. Preference will be given to students who demonstrate a balance in strength across the arts and sciences. This fund is made possible by a donation from Dr. Ed Jernigan.

Method of Financing: annual donation (five-year pledge)

Robert J. Sproule DECA Scholarship
A scholarship, valued at $1,000, is provided annually to a full-time undergraduate student entering Year One in the Bachelor of Accounting and Financial Management program. Selection is based on academic achievement (minimum admission average of 85%) and participation in DECA in grade 12. This fund is made possible by a donation from School of Accounting and Finance faculty member Robert Sproule.

Method of Financing: annual donation (five-year pledge)
NEW UNDERGRADUATE AWARDS
for the current Undergraduate Calendar web site
- submitted for September 9, 2014 meeting of Senate UG Council -

UPPER-YEAR SCHOLARSHIPS/AWARDS/ BURSARIES:

Upkar Arora School of Accounting and Finance Leadership Scholarship
A scholarship, valued at $2,500, is provided annually to full-time undergraduate students enrolled in Year Three or Four in any program in the School of Accounting and Finance. Eligible candidates will be in excellent academic standing (minimum 80% cumulative average) and have a strong interest in entrepreneurship, volunteering and civic or community leadership. Interested students should apply by October 1. This fund is made possible by a donation from alumnus Upkar Arora (MAcc ’85).

Method of Financing: one-time donation of $10,000 to award scholarship for four years

Baylis Medical Capstone Design Awards
Four awards, valued at $5,000 each, will be provided to student groups undertaking a Fourth-Year Capstone Design Project with a biomedical focus in any program in the Faculty of Engineering. Interested groups must submit a Capstone Proposal Summary to their departmental Capstone Coordinator and a faculty committee will invite the top groups to present their project. Winning student groups may have the opportunity to work with industry mentors from Baylis Medical Company Inc. At the conclusion of the Capstone Design Symposium, one additional group will be selected from the remaining eligible Capstone Design Projects to receive a $5,000 award. All award funds will be divided equally among the winning team members. This fund is made possible by a donation from Baylis Medical Company Inc.

Method of Financing: annual donation (three-year pledge)

Bhattacharyya Capstone Design Award
An award, valued at $2,000, is provided annually to an outstanding student group in Chemical Engineering completing a Fourth-Year Capstone Design Project. The award will go to the project that, in the opinion of the judges, demonstrates an innovative and practical design solution to a problem having large potential long-term benefit to society. Criteria used to select a winner may include: technical innovation and accomplishment, feasibility of implementation, and potential for long-term benefits. Interested groups must submit a Capstone Proposal Summary to the Chemical Engineering Capstone Coordinator. Final selection will be made by faculty members of the Department of Chemical Engineering and the Chemical Engineering Capstone Coordinator. All award funds will be divided equally among the winning team members. This fund is made possible by a donation from Dr. Dilip and Mrs. Bhattacharyya to foster innovative thinking and recognize the efforts of hard-working and talented students in Chemical Engineering.

Method of Financing: annual donation (five-year pledge)

John G. Flanagan Award for Academic and Clinical Excellence in Glaucoma
An award, valued at $1,000, is provided annually to a full-time undergraduate student enrolled in Year Four in the School of Optometry & Vision Science. Selection is made on the basis of academic achievement (minimum 75%) and clinical excellence in the area of glaucoma. This fund is made possible through the support of Drs. John G. Flanagan and Kathy Dumbleton, former faculty members at the School of Optometry & Vision Science.

Method of Financing: annual donation (ongoing)

A.B. McKie Memorial Scholarship
Two scholarships, valued at $1,000 each, are presented annually to full-time undergraduate students enrolled in Year Four in any program in the School of Accounting and Finance. The recipients will have achieved the highest cumulative marks in courses in the undergraduate tax sequences (either AFM 361 and 461; or AFM 362, 263, and 462). This fund is made possible by a donation from the Tax Executives Institute, Toronto Chapter in honour of A.B. (“Mac”) McKie.

Method of Financing: annual donation (three-year pledge)
NEW UNDERGRADUATE AWARDS
for the current Undergraduate Calendar web site
- submitted for September 9, 2014 meeting of Senate UG Council -

Lisa McLean Professional Practice Award
An award, valued at $1,000, is provided annually to a full-time undergraduate student enrolled in Year Four in the School of Pharmacy. Selection is based on academic achievement (minimum 75% cumulative average) and demonstrated interest and growth in knowledge and skills acquired in the professional practice lab sequence. Interested students should submit an application that includes a two-page letter explaining how the knowledge, skills and judgment that they have gained in the Professional Practice Lab will impact their future practice. Due date is March 15. This fund is made possible by donations from friends and colleagues in memory of Lisa McLean, the Senior Lab Demonstrator from 2008-2013.

Method of Financing: Faculty Funds

Morneau Shepell Women in Actuarial Science Scholarship
A scholarship, valued at $2,500, is provided annually to a full-time female undergraduate student enrolled in Year Three or Four in the Department of Actuarial Science. Selection will be made on the basis of academic achievement (minimum 80% overall average), and demonstrated leadership abilities. Interested students should submit an application by June 30. This fund is made possible by a donation from Morneau Shepell.

Method of Financing: annual donation (four-year pledge)

School of Accounting and Finance Servant Leadership Scholarship
A scholarship, valued at $2,500, is provided annually to a full-time undergraduate student enrolled in Year Four in any program in the School of Accounting and Finance. Eligible candidates will be in excellent academic standing (minimum 80% overall average) and have demonstrated leadership in service to others, the community, or the world at large. Strong preference will be given to students who have also shown an interest in entrepreneurship. Interested students should apply by October 1. This fund is made possible by a donation from alumnus Howie Kroon and his family (MAcc ‘88).

Method of Financing: annual donation (four-year pledge)

Lloyd Switzer Upper Year Scholarship in Applied Mathematics
A scholarship, valued at $2,500, is provided annually to a full-time undergraduate student enrolled in Year Four in the Department of Applied Mathematics who obtains the top academic achievement at the end of Year Three. This fund is made possible by a donation from Lloyd Switzer, BMath 1988, to encourage students to pursue an education in Applied Mathematics at the University of Waterloo.

Method of Financing: annual donation (five-year pledge)

Wish Scholarship
Ten scholarships, valued at $2,000 each, will be awarded annually to outstanding full-time undergraduate students enrolled in programs in the Faculties of Engineering and Mathematics. One scholarship will be awarded to a top student enrolled in Computer Science, Combinatorics and Optimization or Pure Mathematics and one scholarship will be awarded to a top student enrolled in Computer Engineering or Software Engineering on the basis of academic performance for each of the 1B, 2A, 2B, 3A and 3B terms. An application is not required. This fund is made possible by a donation from ContextLogic, a company created by two University of Waterloo Math grads, Peter Szulczewski (BMath ‘05) and Danny Zhang (MMath ’05, BMath ’03).

Method of Financing: annual donation (four-year pledge)
INTERNATIONAL EXPERIENCE AWARDS:

Arts International Experience Award
An award valued at a minimum of $1000, will be provided annually to a full-time undergraduate student enrolled in the Faculty of Arts at the University of Waterloo who is planning to travel abroad to enhance her/his learning experience. Eligible international experiences include a minimally-paid or volunteer international co-op work term, a volunteer placement, an academic exchange or a study term related to academic requirements. Selection will be based on academic achievement (minimum 75% overall average), the nature of the experience, and a personal letter describing planned outcomes. Preference will be given to students who will be travelling to an unfamiliar country where they will experience a different culture in a new learning environment. Interested students should submit an application by November 15. This fund is made possible by donations from various donors.

Method of Financing: annual donation (five-year pledge) plus additional anticipated donations

McLenaghan International Study Abroad Award
An award, valued at up to $1,200, will be provided annually to a full-time undergraduate student who participates in an approved academic exchange or study-abroad term. Eligible candidates include: third-year students enrolled in a French Studies program travelling to France to study at the University of Nantes or other approved school; or third- and fourth-year students enrolled in a program in the Faculty of Mathematics, with preference to students in Applied Mathematics, studying at an approved school in the United Kingdom, Europe or the United States. Selection will be based on academic achievement (minimum 75% overall average) and a personal letter describing planned learning outcomes. Financial need may also be considered. Preference will be given to students who will be travelling to an unfamiliar country where they will experience a different culture in a new learning environment. Interested students should submit an application by July 15. This award is made possible by a donation from Dr. Helene McLenaghan (Language Instructor, French Studies) and Dr. Ray McLenaghan (Professor Emeritus, Applied Math), to encourage students to enhance their Waterloo studies with an international study experience.

Method of Financing: endowment

ATHLETIC AWARDS:

Mary Ann Vaughan Athletics Excellence Award for Men's Hockey
An award, valued at up to $2,400, is awarded annually to a full-time undergraduate student who is a qualified student-athlete on the Waterloo interuniversity men's hockey team and whom is in good academic standing. This fund is made possible by a donation from Mary Ann Vaughan, MA '92.

Method of Financing: annual donation (five-year pledge)