

## MEMORANDUM

**TO:** Ms Karen Roche  
University Secretary

**FROM:** Dr. Wayne Melville  
Chair, Senate Undergraduate Studies Committee

**SUBJECT:** Report of Senate Undergraduate Studies Committee

**DATE:** 9 March 2015 (for March 23, 2015 Senate Meeting)

.....

**A. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING  
#7-2014 OF OCTOBER 20, 2014, ITEM 5**

The Senate Undergraduate Studies Committee met on February 13 and March 6, 2015 to review the following items that were referred from the October 20, 2014 Senate meeting.

**.1 Faculty of Business Administration**

**(a) (2014-BUS-4384) – Certificate in Business Information Technology Management**

The Committee recommends that Senate approve the revisions to the certificate program (as previously discussed and approved for the HBComm degree in request 2014-BUS-4472).

**.2 Faculty of Science and Environmental Studies**

**(a) (2014-SCI-3119) – Discontinue HBSc Geol with Phys**

The Committee recommends approval of the discontinuation of the HBSc (Geology with Major Concentration in Physics) and the BSc ((Geology with Major Concentration in Physics) 4 Year Non-Direct Entry programs.

**B. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING  
#8-2014 OF DECEMBER 1, 2014, ITEM 4.1**

The Senate Undergraduate Studies Committee met on February 13 and 27, and March 6, 2015 to review the following items that were referred from the December 1, 2014 Senate meeting.

**.1 Faculty of Business Administration**

**(a) (2014-BUS-4507) Business 3317**

The Committee recommends that Senate approve the revisions to BUSI 3317, with the restrictive Note revised as “Restricted to students in the Bachelor of Administration College Transfer Programs at Orillia”.

**.2 Faculty of Education**

**(a) (2014-EDU-4408) Native Language Instructors Program [EDUC 1573]**

The Committee recommends that Senate approve the revised description for Education 1573, with a minor editorial revision at the beginning of the first sentence of the description, and the addition of the Offering statement “Offered in the summer term”.

**.3 Faculty of Engineering**

**(a) 2014-ENG-4501 LU Georgian program – Associated Courses**

In its report to the January 19<sup>th</sup> Senate meeting where this request was approved, the committee recommended approval of all the new courses, with the revision that "A Note is being added to restrict each course to students in this program." The Committee now further recommends that the Note should not be added to Engineering 3312 – Embedded Systems, because it is an elective for Electrical Engineering students in the Thunder Bay program and is a required course for Software Engineering students (see request 2014-ENG-4474 below).

**(b) (2014-ENG-4497) BENG DIP. CIVI Associated Course Changes**

The Committee recommends approval of the proposed course changes in Civil Engineering, with revisions. Instead of a new prerequisite for ENGI 0336, 0534, and 0553, a restrictive Note will be added "Open only to fourth year students in the Civil Engineering program, except with permission of the Chair of the Department. The end term for the discontinued courses is 2014-2015. Because the new course, ENGI 0637, is not a special topics course, the title will become "Geotechnical Engineering Topics", and a restrictive Note will be added "Students who have previous credit in Engineering 0437 may not take Engineering 0637 for credit." ENGI 0638 will have a restrictive Note "Students who have previous credit in Engineering 0338 may not take Engineering 0638 for credit."

**(c) (2014-ENG-4496) BENG DIP. CIVI Program Change**

The Committee recommends that Senate approve the proposed changes to the BEng (Civil Engineering) program, with revised title for Engineering 0637.

**(d) (2014-ENG-4502) Software Prog. Associated [Course] Changes – [with 2014-ENG-4474]**

The Committee recommends that Senate approve the proposed new and revised courses, with revisions. In the new course, ENGI 2918 – Technical Project, the offering hours will be replaced with the wording "Students will be expected to work on their projects for at least 3 hours per week", and rather than a prerequisite, a restrictive Note will be added "May only be taken by Software Engineering student in the second year, with permission of the Chair of the Department of Software Engineering." In Engineering 3050, the prerequisite will be "Engineering 2570 and Engineering 3670". In the new course, Engineering 4251 – Compiler and Algorithm Design, the prerequisite will be "Engineering 2570". The new courses will be numbered:

Engineering 2570 – Object Oriented Graphical User Interface  
Engineering 2571 – Computer Hardware and Software Systems  
Engineering 4250 – Software Safety and Security

**(e) (2014-ENG-4474) Software Engineering – Major Changes [includes changes in request 2014-ENG-4105 previously reported by SUSC but cancelled before final Senate approval and resubmitted with additional changes as 2014-ENG-4474]**

The Committee recommends that Senate approve the proposed changes to the BEng (Software Engineering), with revisions. Two additional courses would be added to Category A of the Engineering Elective Courses List, ENGI 0573 – Fuzzy Logic, and ENGI 2438 – Control Systems I. Because some Engineering Electives have additional laboratory hours and most of the Science Electives have labs, an asterisk Note would be added for the Science Elective Courses in the Fall and Winter Terms of the Third Year and for the Engineering Elective Courses in the Fall and Winter Terms of the Fourth Year, and the same information would be added to each of the elective lists at the end of the page: "Students should be aware that there may be additional laboratory hours, up to 3 hours per week, for Science or Engineering Elective Courses."

**.4 Faculty of Health and Behavioural Sciences**

**(a) (2014-HBS-4401) Program-NewDegree-PsychologyMinor**

The Committee recommends that Senate approve the proposed new Minor in Psychology.

**(b) (2014-HBS-4402) Course-Change Prerequisite-Psychology Courses**

The Committee recommends approval of the revised prerequisites for Psychology courses, including PSYC 3815, with the addition of "Chair of the Department" to each.

**.5 Faculty of Science and Environmental Studies**

**(a) (2014-SCI-4391) Course-New-Biology 4372**

The Committee recommends approval of the new course, Biology 4372, with one revision. The prerequisite should be changed to a restrictive Note "May only be taken by students who have successfully completed a Biology course with a laboratory component."

**(b) (2014-SCI-4392) Course-Changes to Biology2171**

The Committee recommends that Senate approve the new course, Biology 4372, with one revision. Replace the wording in the restrictive Note with "An additional fee (see Miscellaneous Fees is required for this course."

**(c) (2014-SCI-4393) Course-Changes to Biology3219**

The Committee recommends approval of the new course, Biology 3219.

**(d) (2014-SCI-4394) Course-Changes to Biology3250**

The Committee recommends approval of the revisions to Biology 3250 with revisions. The start term will be 2016-2017 (keep existing course description for 2015-16), the proposed sentence regarding a compulsory lab component will not be added to the description, the prerequisite will be Biology 1110, and the restrictive Note will be revised as "Students who have previous credit in Biology 3251 or 3253 may not take Biology 3250 for credit. An additional fee (see Miscellaneous Fees) is required for this course."

**(e) (2014-SCI-4395) Course-Changes to Biology4231**

The Committee recommends that Senate approve the proposed changes to Biology 4231, with one revision. The phrase "and Chair of the Department" will be added to the prerequisite.

**(g) (2014-SCI-4461) New course-Biology 2310**

The Committee recommends approval to the proposed new course, Biology 2310, with two revisions. The phrase in the course description "from ancient Greek to modern times" is replaced with "from Antiquity to the contemporary times", and the phrase "May also be offered in the spring/summer term" is added to the offering hours of instruction.

**(h) (2014-SCI-4389) Program-New Major Specialization – Animal Sciences**

The proposed "Major Specialization in Animal Sciences" was changed to a "Concentration in Animal Sciences" and combined with the two specified degrees, the HBSc (Biology Major) and the BSc (Biology Major) 4 Year Non-Direct Entry program. The Committee recommends approval of these two program combinations.

**C. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING #1-2015 OF JANUARY 19, 2015, ITEM 4.1**

The Senate Undergraduate Studies Committee met on February 13 and 27 and March 6, 2015 to review the items that were referred from the January 19, 2015 Senate meeting and makes the following recommendations.

**.1 Faculty of Business Administration**

**(a) 2014-BUS-4743 – New Undergraduate Course Business 3255**

The Committee recommends that Senate approve the proposed new Business course.

**(b) 2014-BUS-4744 – Delete Undergraduate Course Business 3293**

The Committee recommends that Senate approve the discontinuation of Business 3293.

**.2 Faculty of Education**

**(a) 2014-EDU-4406 Native Language Instructors Program [EDUC 1571]**

The Committee recommends Senate approval of the revised description for EDUC 1571, with revisions. The first sentence of the description should start "Students will be introduced to a survey of" and the final sentence should end "... Framework, and the relevant federal legislation". "Offered in the summer term" should be added to the Offering.

**(b) 2014-EDU-4407 Native Language Instructors Program [EDUC 1572]**

The Committee recommends that Senate approve the revised description for EDUC 1572, with two revisions. The second sentence of the description should start "Students will study" and "Offered in the summer term" should be added to the Offering.

**(c) 2014-EDU-4647 – Course Change – Education 4399 Field Experience replaced with:**

**2015-EDU-4855 – Faculty of Education Field Experience**

**2015-EDU-4869 – Remove Field Placement**

Because request 2014-EDU-4647 included a change in credit weight from 0.25 to 0.5 FCE, it was necessary to delete the existing course, Education 4399 in a new request 2015-EDU-4869, and replace it with a new course, Education 4395 in a new request 2015-EDU-4855.

Therefore, the Committee recommends that Senate approve the new course, Education 4395 with the addition, to the restrictive Note, of the phrase "of the Chair of the Department of Aboriginal Education".

In addition, the Committee recommends approval of the deletion of Education 4399, with the understanding that it would continue to be offered for students completing the existing HBEd program.

**(d) 2014-EDU-4460 – Bed Extension Program**

The Committee recommends that Senate approve the discontinuation of the BEd Extension program.

**.3 Faculty of Engineering**

**(a) 2014-ENG-4515 ENGI 2254 Prereq's and BUSI 3293 Removal**

The Committee recommends approval of the associated changes with the discontinuation of the cross-calendar of ENGI 2254 with BUSI 3293, as noted above in request 2015-BUS-4744.

**(b) 2014-ENG-4620-A – Software Eng – Courses - Prerequisites**

The Committee recommends that Senate approve the course changes and discontinuation, with two revisions. As requested by the Department, Computer Science 1411 will be added to the prerequisite of ENGI 3558. Also, the prerequisite for ENGI 4559 will be "Computer Science 1431 and either Mathematics 1210 or Engineering 3021".

**(c) 2014-ENG-4620-B - Software Eng – Courses - Prerequisites**

The Committee recommends that Senate approve the changes to Engineering 0655, with two revisions. The "or" should remain in the offering (that is, offered in either fall or winter

term), and the phrase “and Chair of the Department of Software Engineering” should be added to the prerequisite.

#### **.4 Faculty of Law**

##### **(a) 2014-LAW-4631-B – New Courses (electives)**

The Committee recommends that Senate approve the proposed new elective Law courses, with revisions to the course descriptions of Law 2573 and Law 3513.

#### **.5 Faculty of Natural Resources Management**

##### **(a) 2014-NAT-4516 Course Name Change – NRMT-2310**

In its report to the February 23<sup>rd</sup> Senate meeting, the Committee recommended approval of the revised title for NRMT 2310. Subsequently, the Faculty of Natural Resources Management requested that additional revisions to this course, and an associated revised title revision for NRMT 3251 plus additional revisions, be reviewed.

The Committee further recommends that Senate approve the revised title, description and offering for NRMT 2310 and 3251.

#### **.6 Faculty of Science and Environmental Studies**

##### **(a) 2014-SCI-4390 Course-New-Biology3232**

The Committee recommends approval of the new course, Biology 3232, with one correction and one clarification. The restrictive Note should not be included because it is an editorial instruction regarding the Biology course categories. The associated request, 2015-NAT-4797, for the cross-calendared course, Natural Resources Management 3232, was submitted for referral at the February 23<sup>rd</sup> Senate meeting.

##### **(b) 2014-SCI-4462 Changes to Biology 4115 course**

The Committee recommends approval of the revisions to Biology 4115. An associated title change also needs to be made to the cross-calendared course, Environmental Studies 4115.

##### **(c) 2015-SCI-4704 New Course – Biology 4218 – Fall 2016**

The Committee recommends approval of the new course, Biology 4218, with revisions. The start term will be 2016-2017, a phrase “plus a one-day field trip” will be added to the offering hours, the Note will only contain the fees information, and the phrase “and permission of the instructor and Chair of the Department” will be added to the prerequisite.

##### **(d) 2014-SCI-4494 – Minor changes to non-entry bioinformatics program for sake of consistency [associated change for 2014-SCI-3987 previously approved]**

The Committee recommends that Senate approve the revisions in the BSc (Bioinformatics Major) 4 Year Non-Direct Entry program, that had been previously approved for the honours program, at the December 1<sup>st</sup> Senate meeting in request 2014-SCI-3987.

##### **(e) 2015-SCI-4690 – CHEM 4xxx**

The Committee recommends approval of the proposed new course, Chemistry 4455, with revisions and clarification that this is not a special topics course. The first sentence of the description should be revised as “Using high performance computers and available software packages, students will examine the use of quantum chemistry to explore chemical systems and reactions.” The prerequisite will be “Chemistry 3451 or permission of the instructor and Chair of the Department”.

**(f) 2015-SCI-4693 – Program deletion – Geology with Physics (Concurrent Education)**  
The Committee recommends that Senate approve the deletion of the three concurrent Education programs, HBScBEEd (Geology with Major Concentration in Physics) P/J, J/I and I/S, associated with request 2014-SCI-3119.

#### **.7 Faculty of Social Sciences and Humanities**

**(a) 2014-SOC-4295 Discontinued PHIL courses**

The Committee recommends that Senate approve the deletion of these Philosophy courses.

**(b) 2014-SOC-4297 (now 2014-SOC-4297-A) New Courses PHIL**

The Committee recommends approval of the proposed new courses and revised course in Philosophy, with one revision. Rather than two fourth-year special topics courses, there will be one course, Philosophy 4811 – Senior Seminar. (The request was split and the unused seminar in 2014-SOC-4297-B was deleted, while the three remaining courses moved forward as request 2014-SOC-4297-A.)

**(c) 2014-SOC-4629 SOCI 4517 Change Course Description and Prerequisite**

The Committee recommends that Senate approve the revised description and prerequisite for Sociology 4517, with one revision. Geography 1140/Environmental Studies 1140 should be added to the prerequisite and the permission should be specified as the Chair of the Department of Sociology.

**(d) 2014-SOC-4630 – Sociology Course Changes  
request split into:**

**2014-SOC-4630-A Sociology Course Changes**

**2014-SOC-4630-B Sociology Course Changes – SOCI 3455 and 3555**

The Committee recommends that Senate approve the Sociology course changes in Part A, with revisions. “Chair of the Department” was added to the prerequisite permission statements for SOCI 3205, 3310, 3715, 4317 and 4319. Because Sociology 2205 is being renumbered as Sociology 3205, a restrictive Note should be added to 3205.

Because of the Dean’s request for further discussion regarding the cross-calendar with Media Studies, the two courses, Sociology 3455 – Digital Technology and Society, and 3555 – Media, Culture, and Society, were split into Part B and this request was deferred.

## **D. OUTSTANDING ITEMS**

### **1. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING #2-2014 OF FEBRUARY 10, 2014, ITEM 4**

**.1 Orillia Campus – Specialization in Environmental Sustainability 2014-SCI-4375  
(was 2013-ORI-2924)**

This item remains deferred.

### **2. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING #4-2014 OF APRIL 14, 2014, ITEM 5**

**.1 Provost and Vice-President (Academic) – University seminars course (2014-PROVOST-3154)**

This item remains deferred.

### **3. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING #6-2014 OF SEPTEMBER 15, 2014, ITEM 5**

#### **.1 Faculty of Education**

(a) (2014-EDU-4386) (was 2014-EDU-3183) – Education Program Revisions Part 1

(b) (2014-EDU-4388) (was 2014-EDU-3184) - Education Program Revisions Part 2

(c) (2014-EDU-4398) (was 2014-EDU-3186) - Education Program Revisions Part 3

(d) (2014-EDU-4399 (was 2014-EDU-3187) - Education Program Revisions Part 4

(e) (2014-EDU-4403) (was 2014-EDU-3188) - Education Program Revisions Part 5

(f) (2014-EDU-4404 (was 2014-EDU-3189) - Education Program Revisions Part 6

(g) (2014-EDU-4405) (was 2014-EDU-3547) - Education Program Revisions Part 7

(h) (2014-EDU-4410) (was 2014-EDU-4219) - Education Program Revisions Part 8

These items are still deferred to ensure that content of new program requests for partnering programs will also be included in these new program descriptions.

### **4. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING #7-2014 OF OCTOBER 20, 2014, ITEM 5**

#### **.1 Faculty of Business Administration**

(a) (2014-BUS-4381) – Bachelor of Administration Management) [after Phase 1 approval]

This item has not yet been discussed.

#### **.2 Faculty of Education**

(a) (2014-EDU-4328 now 2014-EDU-4409) – HBEEd Program change to 5 Year

This item has not yet been discussed.

#### **.3 Faculty of Science and Environmental Studies**

(a) (2014-SCI-4373 now 2014-SCI-4417) – Changing title for ABMS programs

This item has not yet been discussed.

### **5. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING #8-2014 OF DECEMBER 1, 2014, ITEM 4.1**

The following items have not yet been discussed.

#### **.1 Faculty of Health and Behavioural Sciences**

(c) (2014-HBS-4411) Program-NewDegree-Gerontology [after SAC-QA/SAC]

(d) (2014-HBS-4415) Courses-NewCoursesGEROon-line

#### **.2 Faculty of Science and Environmental Studies**

(a) (2014-SCI-4463) New courses – Biology Aquatic Field Courses

This item has been deferred for further consultation.

#### **.3 Faculty of Social Sciences and Humanities**

(a) (2014-SOC-4312) Course-NewCourse and ChangeLabHours-French 0500&0510

(b) (2014-SOC-4369) Course-ChangeDescription-French4901

(c) (2014-SOC-4427) New Certificate Programs Languages [after SAC-QA, SAC, SCEDL)

- (d) (2014-SOC-4428) New & New Versions of Courses as a result of new Language Certificates
- (e) (2014-SOC-4465) Add Specializations to HBA.INDI – Major Modification [after SAC-QA/SAC]
- (f) (2014-SOC-4466) New INDI Courses for New Specializations

**6. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING #1-2015 OF JANUARY 19, 2015, ITEMS 4.1 AND 4.3**

The Committee has started to review January 19<sup>th</sup> Senate referrals, as indicated in the items reported above.

**7. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING #2-2015 OF FEBRUARY 23, 2015, ITEM 4.1**

The Committee has not yet reviewed the February 23<sup>rd</sup> Senate referrals.

**.1 Faculty of Natural Resources Management**

- (a) 2015-NAT-4797 Associated cross-calendared course

**.2 Faculty of Social Sciences and Humanities**

- (a) 2015-SOC-4824 Delete Classics 4311 Cross-Calendared with PHIL 4311
- (b) 2015-SOC-4825 – Removing Cross Calendaring for History 4711 per 2014-SOC-4295



---

Dr. Wayne Melville, Chair

WM/ma