

## (MEMORANDUM)

**TO: Ms Karen Roche  
University Secretary**

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

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

**DATE: 4 April 2014 (for April 14, 2014 Senate Meeting)**

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### **A. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING #9-2013 OF DECEMBER 2, 2013, ITEM 4 (2014-2015)**

The Senate Undergraduate Studies Committee met on March 4 and 18, to continue the review of this item that was referred from the December 2, 2013 Senate meeting.

#### **.1 Faculty of Sciences and Environmental Studies (b) College Pathway projects for Environmental Technology and Biotechnology diplomas to programs**

The Committee had been awaiting calendar entries for the Ontario Council on Articulation and Transfer (ONCAT) transfer program information from the Faculty of Science and Environmental Studies. Two proposals were developed for consideration, 2013-3106 and 2014-SCI-3110, and were reviewed. The Committee's recommendations are included in the March Senate referred items below.

### **B. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING #1-2014 OF JANUARY 13, 2014, ITEM 4**

The Senate Undergraduate Studies Committee met on April 1, 2014 to review this item that were referred from the January 13, 2014 Senate meeting, and makes the following curriculum recommendations for the 2014-2015 Calendar:

#### **1. Faculty of Engineering (a) Mechanical 2013 Pr. Changes (2013-ENG-2940)**

This proposal had been previously approved, recommending additional program changes associated with proposal 2013-ENG-2939 (new courses), and reported by SUSC at the February 10, 2014 Senate meeting. The associated program changes were subsequently included in a revised version of 2013-ENG-2940 referred at the February 10, 2014 Senate meeting, below.

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

The Senate Undergraduate Studies Committee met on March 18 and 25, and April 1, 2014 to review items that were referred from the February 10, 2014 Senate meeting, and makes the following curriculum recommendations for the 2014-2015 Calendar:

#### **.1 Faculty of Engineering (a) Mech New Course Additions (2014-ENG-3075)**

The Committee recommends that Senate approve the proposed new courses, Engineering 2518 – Thermal Sciences, and Engineering 3710 – Engineering Physics, with associated

program and course changes. The courses will replace existing courses in the BEng (Mechanical Engineering) program. In Second Year Fall Term, Engineering 2518 will replace, and be considered equivalent to, both Engineering 2032 and 2033; students missing either ENGI 2032 or 2033 will be required to take ENGI 2518. Engineering 3710 will replace the half-course science elective in Third Year Fall Term. The courses, Engineering 2032 and 2033, will be discontinued.

**(b) Mechanical 2013 Pr. Changes (2013-ENG-2940)**

The Committee recommends approval of the proposed revisions in the BEng (Mechanical Engineering) program with associated changes and revisions. The program revisions include:

- the redistribution of ENGI 4130, 4438 and 3555 in Third Year Winter and Fourth Year Fall and Winter terms, as described in the proposal originally referred at the January 13, 2014 Senate meeting
- the changes associated with course request #2013-ENG-2939, to replace ENGI 1110 with ENGI 1112 in First Year Fall Term, and to replace ENGI 3558 with ENGI 3559 in Third Year Winter Term, as described in a revised version of the proposal referred at the February 10, 2014 Senate meeting
- the changes associated with course request #2014-ENG-3075 (above), to replace ENGI 2032 and 2033 with ENGI 2518 in Second Year Fall Term, and to replace one science elective (half-) course with ENGI 3710 in the Third Year Fall Term

In addition, the title of English 1238 in First Year Fall Term should be changed to the newly approved title "Technical Writing", and the adjective "high-level" should be removed from the note regarding Computer Science 1411 below First Year. All lecture/lab total hours should be adjusted.

As noted in request #2014-ENGI-3075 above, the courses ENGI 2032 and 2033 should be discontinued.

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

**(a) Geography Calendar Entry Clean Up (2013-SCI-2987)**

The Committee recommends that Senate approve the proposed Geography course changes with revisions. In the prerequisites and Notes for all courses of the proposal, "permission of the instructor" should be removed and replaced with "permission of the Chair of the Department of Geography". The prerequisite of Geography 3255 should be Geography 1140 and the Note should be "Open only to third or fourth year students in any Geography program except with permission of the Chair of the Department of Geography". In Geography 4431 add "permission of the Chair of the Department of Geography" to the prerequisite. The prerequisite of Geography 4271 will be "Permission of the instructor and Chair of the Department of Geography" and the proposed prerequisite information will instead be added as a separate sentence to the Note "Open only to third or fourth year students in any program, except with permission of the instructor and Chair of the Department of Geography".

**(b) HBSc Chemistry Major (2013-SCI-2994)**

The Committee recommends approval of this program change associated with the course changes in 2013-SCI-2996

**(c) First Year Course Chemistry (2013-SCI-2996)**

The Committee recommends that Senate approve the first year- course changes and associated prerequisite changes, with revisions. In Chemistry 1110 and 1130 the first sentence of the Note should be revised as "Three one-hour lectures weekly and three-hour laboratory sessions in alternate weeks" and moved to replace the Offering code. In Chemistry 1111 and 1131, the first sentence of the Note should be placed after the Offering code. The title of Chemistry 1112 should be changed to "Fundamentals of Chemistry".

**(d) HBSc Biol/Chem Major (2013-SCI-2995)**

The Committee recommends approval of this program change associated with the course changes in 2013-SCI-2996.

**(e) ENST Four Year Non-Direct Entry Programs (2014-SCI-2999)**

The Committee recommends that Senate approve the proposed additions of four-year non-direct entry programs, with revisions. The codes and titles will be adjusted for program consistency. In the BESC (Earth Science Major), Fourth Year, the asterisk note will be listed on a separate line and an asterisk also added to the open elective in (d). In Fourth Year of the same program, item (c), Geology 4011 will be removed since it is already listed as a required course in (b), and Geography 3251 will be replaced with the renumbered course, Geography 2332.

**(f) HBES Geography HBESc Earth Science Minor Changes (2014-SCI-3001)**

The Committee recommends approval of the proposed revisions in the HBES (Geography Major) and HBESc (Earth Science Major) programs.

**(g) Electromagnetic Theory (2013-SCI-2956) (now 2014-SCI-3112)**

The Committee recommends that Senate approve the proposed revision of offering hours in Physics 3211.

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

**(a) Program HBA.PHILFREN Changes-Languages (2013-SOC-2990)**

The Committee recommends that Senate approve the proposed changes to the HBA (Philosophy and French Majors), with revisions. So that the First Year (c) requirement in Oral French matches the other French Majors, the one FCE in Group I with French 1510 and 1511 recommended, should be replaced with French 1510 and 1511. In Second Year, (c) and (d) should be reworded as: (c) French 2101 and 2201, (d) One FCE in French at the second year level.

**(b) Course Change Lab Description Languages (2013-SOC-2951)**

The Committee recommends approval of the proposed changes to French 1000 and 3510, with revisions and one addition. An exclusionary note should be added to French 1000 "May not be taken for credit by French Majors". The offering hours of French 3510 should be corrected as "3-1; or 3-1". The Note regarding Third Year Standing in French should be reworded slightly in the description for French 3510 and in all other third- and fourth-year courses:

\*Third Year Standing in French:

For admission to 3<sup>rd</sup> and 4<sup>th</sup> year level courses, students must have completed French 2201 and one FCE in French at the 2<sup>nd</sup> year level, with a minimum mark of 60% in French 2201 and a minimum overall average of 60% in the French courses.

**.4 Faculty of Education**

**(a) HBES/BEd Third Year Update (2014-EDU-3007)**

The Committee recommends that Senate approve the deletion of inactive Geography courses in the HBESBEd (Geography Major) I/S.

**(b) Introduction to Teaching French as a Second Language (FSL) (2014-EDU-3047)**

The Committee recommends that Senate approve the changes to the title and course description of EDUC 3011, with revisions. The sentence beginning "Teacher candidates" should be moved to the Notes and the words "Additional Qualifications" should be added to explain what is meant by "FSL part 1".

**(c) EDUC 3XXX (2014-EDU-3053)**

The Committee recommends approval of the proposed new course, Education 3131 – Digital Learning and Teaching, with revisions. The start date should be Fall 2015. The description should be revised as:

Description:

Aboriginal students bring culturally-specific experiences of territory, land, and community focus to the learning environment. Effective literacy outcomes are supported as students build stories using Aboriginal languages, cultures and knowledge. Students will develop digital resources that give importance to Aboriginal history, bridge Aboriginal learning and current curriculum, and build digital platforms for success in classrooms.

Credit Weight: 0.5

Offering: 3-0; or 3-0 (may also be offered in summer term)

Notes: Students who have completed Education 3239 with topic title "Digital Learning and Teaching" may not take Education 3131 for credit. This course is restricted to students enrolled in the Honours Bachelor of Education (Aboriginal Education) P/J program.

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

#### **(a) Social Work Course Updates (2014-HBS-3067)**

The Committee recommends approval of the Social Work course changes, with revisions. The course description in Social Work 4217 should begin with "Introduces" and in Social Work 4401, should begin with "Focuses". In Social Work 4500, the restrictive Note should be "May only be taken by students in the Four Year Social Work program". In Social Work 4501, the last sentence of the restrictive Note should be revised as "May only be taken by students in the One-Year Social Work program", and the words "One Year Program" can also be deleted from the offering hours.

#### **(b) Psychology Course Creation (2014-HBS-3069)**

The Committee recommends that Senate approve the proposed new directed reading course, with revisions. The first sentence should end "... between a student and a faculty member within the Department of Psychology". The Note should read "Before registering in this course, students must obtain the written permission of the department faculty member who will direct their work, as well as the permission of the Chair of the Department".

#### **(c) HBSW Calendar Changes (2014-HBS-3066)**

The Committee recommends that Senate approve the proposed changes to the HBSW, HBSW One-Year, and HBSW with Major Concentration in Gerontology, with revision and clarifications. In the four-year HBSW, Third and Fourth Years, the elective choices will be worded "(d) One half-course elective in Social Work, (e) One half-course elective".

Associated changes to the HBSW with Major Concentration in Indigenous Learning, as presented in request #2014-HBS-3065, referred at the March 17 Senate meeting, below, are also recommended for approval. It is also clarified that starting in Fall 2014, students entering both Third and Fourth Years would take the new requirements of the program.

## **D. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING #3-2014 OF MARCH 17, 2014, ITEM 4 (2014-2015)**

The Senate Undergraduate Studies Committee met on March 14 and 18, and April 1, 2014 to review items that were referred from the March 17, 2014 Senate meeting, and makes the following curriculum recommendations for the 2014-2015 Calendar:

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

#### **(a) SES ONCAT Pathways (2014-SCI-3110)**

The Committee recommends that Senate approve the proposal 2014-3106 regarding college pathways into the Honours BSc (Water Resource Science Major), with revisions. To balance the course load, First Year (b) in the Centennial and Fanshawe College programs becomes "Two FCEs" (instead of two and one-half FCEs) and "One half-course" with the same elective string will be placed in Second Year. To balance the course load in the Fleming, Georgian and Loyalist College programs, First Year (b) will

become "One FCE" (instead of one and one-half FCEs) and "One half-course" with the same elective string will be placed in Second Year. As well, the one FCE elective in First Year (f) of the Georgian College program becomes one half-course elective. In First Year (c) and Second Year (c) of the Durham College program, the typo, Geography 2232, should be removed. The introductory wording should read:

Graduates of a 3-year diploma program in Environmental Technology, with a minimum average of 75%, from one of the Ontario colleges indicated below, may be considered for admission into the Honours Bachelor of Science (Water Resource Science Major). Qualified applicants are eligible for third year standing in the Honours Bachelor of Science (Water Resource Science Major) program and will receive a block transfer of 10 non-transferable FCEs toward the 20 FCEs required for the program. Meeting the minimum requirements does not guarantee admission to either the University or a specific program.

The program titles will be:

Honours BSc (Water Resource Science Major) - Transfer

- Centennial College
- Durham College
- Fanshawe College
- Fleming College
- Georgian College
- Loyalist College
- Seneca College

**(b) SES ONCAT Pathways (2014-3106)**

The Committee recommends approval of the proposal 2014-SCI-3110 regarding college pathways into the Honours BSc (Biology Major), Honours BES (Geography Major), Honours BSc (Geography Major), and Honours BSc (Applied Bio-Molecular Science Major), with editorial revisions and revised introductory wording and program titles:

1. Graduates of a 3-year diploma program in Environmental Technology from an Ontario college, with a minimum average of 75%, may be considered for admission into the Honours Bachelor of Environmental Science (Biology Major). Qualified applicants are eligible for third year standing in the Honours Bachelor of Environmental Science (Biology Major) program and will receive a block transfer of 10 non-transferable FCEs toward the 20 FCEs required for the program. Meeting the minimum requirements does not guarantee admission to either the University or a specific program.

2. Graduates of a 3-year diploma in Environmental Technology from an Ontario college, with a minimum average of 75%, may be considered for admission into the Honours Bachelor of Environmental Studies (Geography Major). Qualified applicants are eligible for third year standing in the Honours Bachelor of Environmental Studies (Geography Major) program and will receive a block transfer of 10 non-transferable FCEs toward the 20 FCEs required for the program. Meeting the minimum requirements does not guarantee admission to either the University or a specific program.

3. Graduates of a 3-year diploma in Environmental Technology from an Ontario college, with a minimum average of 75%, may be considered for admission into the Honours Bachelor of Environmental Science (Geography Major). Qualified applicants are eligible for third year standing in the Honours Bachelor of Environmental Science (Geography Major) program and will receive a block transfer of 10 non-transferable FCEs toward the 20 FCEs required for the program. Meeting the minimum



requirements does not guarantee admission to either the University or a specific program.

4. Graduates of a 2-year diploma in Biotechnology from an Ontario college, with a minimum average of 75%, may be considered for admission into the Honours Bachelor of Science (Applied Bio-Molecular Science Major). Qualified applicants are eligible for second year standing in the Honours Bachelor of Science (Applied Bio-Molecular Science Major) program and will receive a block transfer of 5 non-transferable FCEs toward the 20 FCEs required for the program. Meeting the minimum requirements does not guarantee admission to either the University or a specific program.

5. Graduates of a 3-year diploma in Biotechnology from an Ontario college, with a minimum average of 75%, may be considered for admission into the Honours Bachelor of Science (Applied Bio-Molecular Science Major). Qualified applicants are eligible for third year standing in the Honours Bachelor of Science (Applied Bio-Molecular Science Major) program and will receive a block transfer of 10 non-transferable FCEs toward the 20 FCEs required for the program. Meeting the minimum requirements does not guarantee admission to either the University or a specific program.

The program titles will be:

- Honours BSc (Biology Major) - Transfer
- Honours BES (Geography Major) -Transfer
- Honours BSc (Geography Major) -Transfer
- Honours BSc (Applied Bio-Molecular Science Major) -Transfer (3 Year)
- Honours BSc (Applied Bio-Molecular Science Major) -Transfer (2 Year)

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

### **(a) HBSW with Major Concentration in Indigenous Learning (2014-HBS-3065)**

The Committee recommends approval of the proposal, as a program change associated with the revisions in request 2014-HBS-3066 above.

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

### **(a) Course Change Notes – French 1510 & 1511 (2014-SOC-3076)**

The Committee recommends that Senate approve the proposed addition to the Notes in French 1510 and 1511, with revisions. Instead of the proposed wording, a second sentence should be added “Students wishing to use the course for credit towards the Certificate of French Proficiency must obtain permission of the Chair of the Department of Languages.”

## **E. OUTSTANDING ITEMS**

### **1. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING #1-2014 OF JANUARY 13, 2014, ITEM 4**

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

##### **(a) Program French Proficiency Certificate Languages (2013-SOC-2950)**

This item is still deferred because it has not yet been forwarded from the Senate Continuing Education and Distributed Learning Committee.

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

#### **.1 Orillia Campus**

- (a) **Specialization in Environmental Sustainability (2013-ORI-2924)**
- (b) **Minor in Environmental Sustainability (2013-ORI-2923)**
- (c) **Media Studies College Pathways (2014-ORI-3029)**
- (d) **HBASc College Pathways Program (2013-ORI-2971)**
- (e) **BASc College Pathways Program (2013-ORI-2972)**
- (f) **HBASc – Geography Major (2014-ORI-3031)**
- (g) **HBASc – Criminology Major, College Pathways (2014-ORI-3061)**

Several of these items have been deferred and others have not yet been forwarded from the Senate Academic Committee.

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

- (a) **New Courses Specialization Chemistry (2013-SCI-2997)**
- (b) **HBSc (Chemistry) with a Specialization in Medical Sciences (2014-SCI-3037)**
- (c) **Mapping Sciences Certificate Update (2013-SCI-2985) (Geography)**

These items have been deferred; one item has not yet been forwarded from Senate CEDL and one has not been forwarded from SAC.

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

- (a) **BA Sociology (2014-SOC-3041)**
- (b) **HBA Sociology (2014-SOC-3044)**
- (c) **BA General College Pathways Program (2014-SOC-3052)**

These items have not yet been forwarded from SAC.

**.4 Faculty of Education**

- (a) **Concurrent Education/ENST Non-Direct Entry Programs (2014-EDU-3006)**

This item is still deferred.

- (b) **BABED.GENE.PJ (2014-EDU-3055)**

This item has not yet been forwarded from SAC.

**3. CURRICULUM/CALENDAR CHANGES REFERRED FROM SENATE MEETING #3-2014 OF MARCH 17, 2014, ITEM 4 (2014-2015)**

The Senate Undergraduate Studies Committee met on March 14 and 18, and April 1, 2014 to review items that were referred from the March 17, 2014 Senate meeting, and makes the following curriculum recommendations for the 2014-2015 Calendar:

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

- (a) **Program Requirement Change Geoarchaeology (2014-SCI-3083)**

This item, associated with the Geography proposals, has not yet been reviewed.

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

- (a) **ORPT Changes (2014-SOC-3010)**
- (b) **ORPT Calendar Changes (2014-SOC-3011)**

The Committee has not yet reviewed these two items.

- (c) **Women's Studies – Clarification of List of Core Courses**

This item has not yet been forwarded from the Senate Academic Committee.

  
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 Dr. Wayne Melville, Chair

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