

MEMORANDUM

TO: Ms Karen Roche
Secretary of Senate

FROM: Dr. Rhonda Koster
Chair, Senate Undergraduate Studies Committee

SUBJECT: Report of Senate Undergraduate Studies Committee – Part I

DATE: 24 November 2009

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PART 1 – CALENDAR CHANGES REFERRED FROM SENATE MEETING #2009-8 OF NOVEMBER 6, 2009

The Senate Undergraduate Studies Committee met on November 13 and 20 to review the calendar change items referred from Senate meeting #2009-8 of November 6, 2009 and makes the following recommendations:

A. FACULTY OF SOCIAL SCIENCES AND HUMANITIES

.1 Sociology – Life Course Studies

The Committee recommends that the new course, Sociology 3515, cross-calendared with Gerontology 3515 and Social Work 3515, be approved with the addition of the hours of instruction, “3-0; or 3-0”.

B. FACULTY OF SCIENCE AND ENVIRONMENTAL STUDIES

.1 Chemistry – 2211 & 1210

The Committee recommends that the new restrictive note for Chemistry 1210 be approved with one addition to the note: the major, Physics with Major Concentration in Applied Bio-Molecular Science.

.2 Computer Science – Engineering & Computer Science

The Committee recommends that Senate approve the proposed changes, with additions. The program change resulting from the deletion of Computer Science 2473 also needs to be made in the concurrent Education program, BSc, BEd (Computer Science Major) I/S, Second Year (a), and in the Department of Mathematical Sciences programs, HBSc (Mathematics) Mathematics of Computing Co-op Option and Non Co-op Option, Second Year (b). A restrictive statement should be added to Computer Science 2476: “Students who have taken Computer Science 2473 previously may not take Computer Science 2476 for credit”.

The Committee wishes to express its concern about the rationale given for retaining the course number for Computer Science 2476.

.3 Computer Science 4451,3415, 0433

The Committee recommends approval of the Computer Science course changes with one revision. The second sentence of the revised course description for Computer Science 3415 should be “Several of these topics of software design and testing will be explored in detail.”

.4 Biology 3221

The Committee recommends that Senate approve the change of Biology 3221 to a half-course, Biology 3212, with the addition of a restrictive statement, “Students who have taken Biology 3221 previously, may not take Biology 3212 for credit.”

.5 Biology 3470

The Committee recommends that Senate approve the revisions to Biology 3470.

.6 Biology 4111

The Committee recommends approval of the changes to Biology 4111, with one revision: the new prerequisite for Biology 4111 should have the new course number, Biology 3212, not 3221.

.7 Economics – program changes to conform to new Faculty

The Committee recommends that Senate approve the Economics program changes to conform to the new Faculty regulations, with revisions. The second item number 1 in the proposal should instead be revisions to the Honours BA (Economics Major) that follows the same First Year requirements as the BA (Economics Major). The First Year of the program descriptions for the double major programs should be revised, as indicated in Attachment 1 (below).

.8 Economics – designation as an Arts or Science elective

The Committee recommends acceptance of the proposal, with clarification that the calendar entry would be:

Science/Arts Credits

The following courses are acceptable for either Science or Arts credit:
Economics 2212/Environmental Studies 2212 – Environmental Economics
Economics 2231 – Health Economics
Economics 3131 – Cost Benefit Analysis/Project Appraisal
Economics 4531/Environmental Studies 4531 – Natural Resource Economics

.9 Economics – Honours BSc in Resource and Environmental Economics

The Committee defers this item because it first requires consideration by the Quality Assurance subcommittee of the Senate Academic Committee.

.10 Geography – First Year

The Committee recommends approval of the change in first-year requirements of the BSc and HBSc (Geography Major).

.11 Geography – Fourth Year

The Committee recommends that Senate approve the deletion of the Department of Geography Academic Regulation F and the associated restrictive note from the fourth-year courses.

.12 Geography – Certificate in Mapping

The Committee recommends approval of the deletion of the second introductory paragraph in the Certificate in Mapping Sciences.

.13 General Science 0350 & 0370

The Committee recommends that the proposed new General Science courses be approved with revisions and with an associated course change. The first sentence of General Science 0350 should begin “Students are introduced to digital imaging through such topics as...” and the first sentence of General Science 0370 should begin “Continuing from Introduction to Digital Photography I, emphasis will...” To differentiate the type of photography in the existing courses, the titles of General Science 0310 and 0330 should be changed from Introduction to Photography I and II, to Introduction to Film Photography I and II.

.14 Geology Course replacements & miscellaneous fees

The Committee recommends that the proposed program changes from the Department of Geology be approved, with the exception of the change to miscellaneous fees in item 4 that is not the responsibility of this Committee. It should be noted that the code for the high school Advanced Functions course is MHF4U.

.15 Physics and Bio-Molecular Science

The Committee recommends that Senate approve the proposed program changes in Physics, with revisions, and with the exception of item 1, revision to the HBSc (Mathematical Physics Major), that requires further discussion by the Department. In the HBSc (Physics) with Major Concentration in Applied Bio-Molecular Science, the last sentence of the introductory paragraph should be changed to “A cumulative average of 70% in all Physics courses as well as all courses used toward the Applied Bio-Molecular Science Major Concentration is required.” Also, to keep the minimum number of FCEs required for a major concentration, asterisks should be added in Third Year to (d) Biology 2711 and 2910 and in Fourth Year to (e) Three half-courses from the Applied Bio-Molecular Science List of Recommended Courses (excluding Physics). The phrase “(see previous entry)” should be removed from Note 2 below the program description, and Note 3 should be reworded as: “Due to course rotation some courses may need to be taken out of sequence.”

.16 Geology 3310 & 2112

The Committee recommends approval of the Geology calendar change, except that the proposed new prerequisite for Geology 2112 should be added as a note, rather than a prerequisite.

C. FACULTY OF EDUCATION

.1 One Year BEd admission degree type

The Committee recommends approval of the wording change to the policy for admission into the One-Year BEd program.

.2 Police background/TB Skin test

The Committee recommends that Senate approve the changes to the Education regulations with one revision. In the regulation regarding the Police Background Check, the full name of the acronym should be included: “Ontario Education Services Corporation (OESC)”.

.3 Education 4410

The Committee recommends that Senate approve the replacement of Education 4410 with two new quarter-courses, Education 4417 and 4418, with additions. A restrictive statement should be added to both courses: "Students who have taken Education 4410 previously, may not take Education 4417 and/or 4418 for credit." Associated program changes for the Department of Undergraduate Studies in Education should also be made; Education 4410 should be replaced with the two new courses in all instances where it appears as a required course in the following program descriptions:

1. One-Year BEd, Professional Year
 - A. Primary-Junior Specialization (a) Core
 - B. Junior-Intermediation Specialization (a) Core
 - C. Intermediate-Senior Specialization (a) Core
2. Concurrent Honours Bachelor Degree Programs, prior to entry into the Professional Year
 - A. Primary-Junior Specialization, #4
 - B. Junior-Intermediate Specialization, #4
 - C. Intermediate-Senior Specialization, #2
3. Concurrent Bachelor Degree Programs, 4 and 5 Year Programs, Core Courses
 - A. Primary-Junior Specialization, Professional Year, (a) Core (i)
 - B. Junior-Intermediate Specialization, Professional Year, (a) Core (i)
 - C. Intermediate-Senior Specialization, Professional Year, (a) Core (i)

D. FACULTY OF ENGINEERING

.1 Engineering 4539

The Committee recommends proposed revision to the course description of Engineering 4539 be approved, with the exception of the title that will remain the same.

OUTSTANDING ITEMS

In addition to the items noted above (Economics – Honours BSc in Resource and Environmental Economics, Physics and Bio-Molecular Science item 1), the following items remain outstanding:

Calendar Changes Referred from Senate Meeting #2009-5 of May 15, 2009

Faculty of Science and Environmental Studies
BA and BSc programs – non 4-year programs

Calendar Changes Referred from Senate Meeting #2009-7 of October 2, 2009

Faculty of Forestry and the Forest Environment
New Degree and revision of an existing degree Part 1-a, Part 1-b and Part II

ADDITIONAL EDITORIAL REVISIONS TO ECONOMICS PROGRAM DESCRIPTIONS

2. BA (Mathematics and Economics Majors)

First Year:

- (a) Economics 1100**
- (b) Mathematics 1180**
- (c) One FCE from Group II (see Faculty of Science and Environmental Studies Regulations, First Year Arts Program Grouping Requirements)**
- (d) One Humanities elective chosen from: one FCE in English (any combination of 1011, 1031, 1111, or 1112), History 1100, or Philosophy 1100 or one FCE combination of Philosophy 1117, 1118, or 1119**
- (e) One FCE elective from Faculty of Science and Environmental Studies (Mathematics or Economics excluded)**

3. BA (Economics and Political Science Majors)

First Year:

- (a) Economics 1100**
- (b) Political Science 1100**
- (c) One FCE from Group I (see Faculty of Science and Environmental Studies Regulations, First Year Arts Program Grouping Requirements)**
- (d) One FCE from the Faculty of Science and Environmental Studies**
- (e) One FCE elective**

5. Honours BA (Economics and Political Science Majors)

First Year:

- (a) Economics 1100**
- (b) Political Science 1100**
- (c) Business 1066**
- (d) One FCE from Group I (see Faculty of Science and Environmental Studies Regulations, First Year Arts Program Grouping Requirements)**
- (e) One FCE elective**