

Request for Calendar Change Form

Tracking No:
(Senate Secretary's Office
use only)

Date:

23/09/2008

To	Secretary of Senate	
From	Name(Dean):	Faculty
	Dr. Andrew Paul Dean	Science & Environmental Studies
	Department the change relates to	
	Mathematical Sciences	
	Contact Person	
	Dr. Andrew J. Dean	

Is the proposed calendar change Undergraduate

Instructions:

1. In all cases please complete and attach section 1 and 2
2. If the calendar change affect other departments/schools/faculties complete and attach section 3
3. If the answer to any of the questions below is yes, explain. Attach separate sheets with reference to the question

- | | | |
|--|---------------------------------|---|
| 1. Do the proposed changes affect other departments/ schools/faculties in terms of their calendar change? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 2. Is a transition plan needed for student in progress? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 3. Are the proposed changes likely to affect student enrollment in your department/school/faculty? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 4. Are the proposed changes likely to affect student enrollment in other departments/schools/faculties at Lakehead University? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 5. Will the proposed changes require additional teaching space and/or teaching staff and/or equipment and/or other resources? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 6 Will the proposed changes affect existing teaching loads within your department/school/faculty? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 7. Will the proposed changes increase demand for teaching support services such as the library, computing services and technical staff ? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 8. Will the proposed change require direct or in-kind support from outside the academic unit? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 9. Do the proposed changes include change in course(s) which is/are required core course(s) for a major? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 10. Do the proposed changes include a change in course which is | Yes | No |

- service/required course(s) in another program? Yes No
11. Do the proposed changes include change in course(s) which is/are open elective available to any student in any program? Yes No
12. Do the proposed changes include change in course(s) which is/are elective in a major i.e. restricted to students in a major? Yes No

Signatures:

Date approved by faculty council

16/10/2008

Section 1

Description of the Proposed Calendar Change:

Rationale of the Proposed Calendar Change(s):

(Corresponding to Section 2 where required)

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The term "Group I and Group II excluding mathematics is being used to replace the term "Arts elective throughout our calendar. In some places the term elective from the "Faculty of Social Sciences and Humanities" was used for this before. This inappropriately excluded courses in Geography, Anthropology, and now Psychology.

Section 2

Existing Calendar Entries:
(Page reference based on hard copy or URL based on electronic version of calendar)

Proposed Calendar Entries/Addition/ Deletion
-If only addition, specify page number and placement in university calendar
-If only deletion, write Deleted

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1. BSc (Mathematics Major)
Three Year program
The student is referred to the Faculty of Science and Environmental Studies requirements, page 152 on the necessary average mark to continue in a mathematics major program.
First Year:
(a) Mathematics 1180 and 1281
(b) Two Science electives
(c) One FCE from English 1011, 1031, 1111, 1112 (it is recommended that at least one be from 1011, 1031), or one FCE substitute from the Faculty of Social Sciences and Humanities, excluding mathematics, approved by the Department

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3. Honours BSc (Mathematics)
Four Year program
An overall average of at least 70% in the mathematics courses taken is required. There are three options.
(a) Mathematics Option
First Year:
(a) Mathematics 1180, 1281
(b) One FCE from English 1011, 1031, 1111, 1112 (it is recommended that at least one be from 1011, 1031), or one FCE substitute from the Faculty of Social Sciences and Humanities, excluding mathematics, approved by the Department
(c) Two FCEs chosen from Biology 1110/1130, Chemistry 1110/ 1130, Computer Science 1411/1431, Geography 1100, 1120, Geology 1110/1130, Physics 1101

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b) Mathematics of Computing, Co-op Option
Departmental recommendations for work-term

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Departmental recommendations for work-term

placements will be made in the first week of each academic term which precedes a work term, and will be based on performance in the program to that point. Note that the first work period is optional, but a student must obtain a positive recommendation from the department by the first required work term to remain registered in the program.

The University will provide employment counselling and contacts with participating employers for each student, prior to each work period, and will make all reasonable effort to obtain placement. However, the achievement of employment is the result of a resumé and interview process similar to that required for permanent employment of any professional. The ultimate success in placement depends on the employer/employee interaction.

First Year (Fall and Winter):

- (a) Mathematics 1180, 1281
- (b) One FCE from English 1011, 1031, 1111, 1112 (it is recommended that at least one be from 1011, 1031), or one FCE substitute from the Faculty of Social Sciences and Humanities, excluding mathematics, approved by the Department
- (c) Physics 1101
- (d) Computer Science 1411, 1431

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(c) Mathematics of Computing, Non Co-op Option

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- (b) One FCE from English 1011, 1031, 1111, 1112 (it is recommended that at least one be from 1011, 1031), or one FCE substitute from the Faculty of Social Sciences and Humanities, excluding mathematics, approved by the Department
- (c) Physics 1101
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- (c) Physics 1101
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- (c) Physics 1101
- (d) Computer Science 1411, 1431

Section 3

The Faculty(ies) affected by the proposed calendar change

I have been consulted regarding the attached calendar change and understand the academic and budgetary implication on my Dept./School/Faculty.

I agree to this calendar change proposal

Yes

No

Name:

Dr. Andrew Paul Dean

Faculty:

Science & Environmental Studies

Date:

Signature of Dean