

MEMORANDUM

Date: October 9, 2010
To: Chair, SES Faculty Council
From: Dr. Adam Van Tuyl, Chair, Dept. of Math. Sci.
Subject: Calendar Changes for the Department of Mathematical Sciences

Please find attached the following calendar change for the Department of Mathematical Sciences:

- A new Minor Program in Mathematics.

This calendar change was approved at our department meeting on January 29, 2010. Please find attached the required documents, along with the necessary signatures.

Sincerely,



Adam Van Tuyl, Chair

Department of Mathematical Sciences

Request for Calendar Change Form

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

To	Secretary of Senate	
From	Name(Dean):	Faculty
	Dean A.P. Dean	Sciences and Environmental Studies
	Department the change relates to	
	Mathematical Sciences	
	Contact Person	
	Adam Van Tuyl, Chair	

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 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?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Signatures: _____ Date approved by faculty council _____

Section 1
Description of the Proposed Calendar Change: Minor Program in Mathematics
Rationale of the Proposed Calendar Change(s): (Corresponding to Section 2 where required)
1 We would like to add a minor program in mathematics. This program was suggested as an addition to our list of programs in our recent undergraduate program review (2009-2010). As well, it is in line with the university's goal of creating new programs from existing courses.

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

1

<http://mycoursecalendar.lakeheadu.ca/pg550.html>

[In the calendar, put this program after 4.
Honours BA (Mathematics). Renumber the
programs afterwards]

5. Minor Program in Mathematics

To receive a Minor in Mathematics, a student
needs to complete four FCEs from the following
courses:

- (a) One FCE from Mathematics 1171, 1172, 1210, 1230
- (b) At least one FCE from Mathematics 1281, 2050, 2070, 2111, 2131, 2255, 2275, 2331, 2333, 3012, 3071, 4030
- (c) At least one FCE from Mathematics 2231, 2233, 3032, 3050, 3111, 3113, 3131, 3133, 3171, 3211, 3213, 3231, 3233, 3331, 3333, 3351, 3371, 4101, 4151, 4211, 4213, 4221.

In addition, at least one FCE of the courses chosen
from the above list must be at either the third or
fourth year level.

Other courses in the mathematics calendar may
not be credited toward the minor program.
Please note that many of these courses have
prerequisites and some courses cannot
simultaneously be given degree credit. For
example, you cannot receive a credit from both
Mathematics 1171 and Mathematics 1210.
Students are advised to plan their programs with
this in mind.

Section 3

The Faculty(ies) affected by the proposed calendar change

Science and Environmental Studies

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:

Andrew P. Dean

Faculty:

SES

Date:

Oct. 14 / 10

Signature of Dean



Adam VAN TUYL

MATH

AGREE

Y

Oct 14, 2010

