

**MEMORANDUM**

Date: Dec 1, 2011  
To: Chair, SES Faculty Council  
From: Dr. Adam Van Tuyl, Chair, Dept. of Math. Sci.  
Subject: Calendar Changes for the Department of Mathematical Sciences

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

- Update the math requirements for the BA/BEd P/J, J/I, and I/S programs.

These calendar change was approved at our department meeting on Dec 1, 2011. 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  
A.P. Dean SES  
Department the change relates to  
Mathematical Sciences  
Contact Person  
Adam Van Tuyl

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

Signatures: \_\_\_\_\_ Date approved by faculty council  
 \_\_\_\_\_

<b>Section 1</b>
Description of the Proposed Calendar Change: Updating BA/BEd Math Requirements
Rationale of the Proposed Calendar Change(s): (Corresponding to Section 2 where required)
<p>=====</p> <p>RATIONALE</p> <p>=====</p> <p>The following three programs:</p> <p>BA,BEd (Mathematics Major) P/J          BA,BEd (Mathematics Major) J/I          BA,BEd (Mathematics Major) I/S</p> <p>has a different mathematics requirements than the BA (Mathematics Major) requirements. The purpose of this calendar change is to standardize these requirements. This particular calendar change is to ensure that students in these three programs also take at least one FCE worth of mathematics courses at the third or fourth year level, like our BA and BSc programs. Furthermore, Education requires that students take at least 0.5 FCE at the third or fourth year in their major, so these changes will also ensure that students meet this requirement.</p> <p>+++++</p> <p>ANSWERS TO QUESTIONS WITH A YES</p> <p>+++++</p> <p>1. This calendar change also affects the Faculty of Education</p>

**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
<p>1</p> <p><a href="http://mycoursecalendar.lakeheadu.ca/pg798.html">http://mycoursecalendar.lakeheadu.ca/pg798.html</a></p> <p>15. BA, BEd (Mathematics Major) P/J Four Year program</p> <p>Third Year: (b) One FCE in Mathematics at the second or third year level</p>	<p>15. BA, BEd (Mathematics Major) P/J Four Year program</p> <p>Third Year: (b) One FCE in Mathematics at the third or fourth year level</p>
<p>2</p> <p><a href="http://mycoursecalendar.lakeheadu.ca/pg815.html">http://mycoursecalendar.lakeheadu.ca/pg815.html</a></p> <p>14. BA, BEd (Mathematics Major) J/I Four Year program</p> <p>Third Year: (b) One FCE in Mathematics at the second or third year level</p>	<p>14. BA, BEd (Mathematics Major) J/I Four Year program</p> <p>Third Year: (b) One FCE in Mathematics at the third or fourth year level</p>
<p>3</p> <p><a href="http://mycoursecalendar.lakeheadu.ca/pg835.html">http://mycoursecalendar.lakeheadu.ca/pg835.html</a></p> <p>16. BA, BEd (Mathematics Major) I/S Four Year program</p> <p>Third Year: (a) Mathematics 2255, 2275 and one other FCE in Mathematics at the second or third year level</p>	<p>16. BA, BEd (Mathematics Major) I/S Four Year program</p> <p>Third Year: (a) Mathematics 2255, 2275 and one other FCE in Mathematics at the third or fourth year level</p>



**Section 3**

The Faculty(ies) affected by the proposed calendar change

Science and Environmental Studies

Education

**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:

Adam Van Tuyl

Faculty:

Mathematical Sciences

Date:

Signature of Dean

I agree to this calendar change proposal      Yes       No

Name:



Teresa Socha (Chair, Undergraduate) John O'Meara (Dean)

Faculty:

Faculty of Education

Date:

DEC. 15, 2011

Signature of Dean

I agree to this calendar change proposal      Yes       No

Name: *Dr. John O'Meara*

A.P Dean (Dean SES)

*John O'Meara*

Faculty:

SES

Date:

*Dec. 15/11*

Signature of Dean

*John O'Meara*