

Request for Calendar Change Form

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

Date:

To	Secretary of Senate	
From	Name(Dean):	Faculty
	<input style="width: 95%;" type="text" value="A. Dean"/>	<input style="width: 95%;" type="text" value="Science and Environmental Studies"/>
	Department the change relates to	
	<input style="width: 95%;" type="text" value="Biology"/>	
	Contact Person	
	<input style="width: 95%;" type="text" value="Greg Pyle"/>	

Is the proposed calendar change Graduate

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? 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

Section 1

Description of the Proposed Calendar Change:

Rationale of the Proposed Calendar Change(s):

(Corresponding to Section 2 where required)

1

Over the past years, Biostatistics has been offered for graduate students enrolled in Biology on an ad hoc basis, taught by a sessional instructor. Other statistics courses currently offered at the university do not meet the needs of Biology graduate students because they tend to focus almost exclusively on statistical techniques at the expense of providing students with tools to meet the realities of experimental design and analysis typical of (or specific to) field-based and laboratory-based biological research. Consequently, there are no other biostatistics courses offered at Lakehead University, including in Biology or other cognate departments. The existing ad hoc course has been very popular among students, and with the new hiring of a CRC, Biology now has the capacity to offer this course as a regular calendared course. Because this course is broadly based and applicable to all biological sub-disciplines, the addition of this course provides all of the graduate students with another course offering and some measure of flexibility in course selection.

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

No existing entry, new course

BIOL5xxx Biostatistics
2-1; or 2-1
Prerequisite: MATH2321 or the combination of MATH2331 and MATH2333 or by permission of the instructor.

Students will learn the fundamental concepts of experimental design and analysis in traditional and contemporary biological inquiry. Data sets that highlight both field and laboratory realities will be analyzed and interpreted using both univariate and multivariate statistical techniques using the R Statistical Package.

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:

Dr. A. Dean

Faculty:

Science and Environmental Studies

Date:

Signature of Dean