

## Request for Calendar Change Form

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

To	Secretary of Senate	
From	Name(Dean):	Faculty
	Dr. Andrew Dean	Science and Environmental Studies
	Department the change relates to	
	Biology	
	Contact Person	
	Dr. David Law	

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<br><input type="checkbox"/> | No<br><input checked="" type="checkbox"/> |
| 2. Is a transition plan needed for student in progress?  | Yes<br><input type="checkbox"/> | No<br><input checked="" type="checkbox"/> |
| 3. Are the proposed changes likely to affect student enrollment in your department/school/faculty?                                       | Yes<br><input type="checkbox"/> | No<br><input checked="" type="checkbox"/> |
| 4. Are the proposed changes likely to affect student enrollment in other departments/schools/faculties at Lakehead University?           | Yes<br><input type="checkbox"/> | No<br><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<br><input type="checkbox"/> | No<br><input checked="" type="checkbox"/> |
| 6 Will the proposed changes affect existing teaching loads within your department/school/faculty?  | Yes<br><input type="checkbox"/> | No<br><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<br><input type="checkbox"/> | No<br><input checked="" type="checkbox"/> |
| 8. Will the proposed change require direct or in-kind support from outside the academic unit?  | Yes<br><input type="checkbox"/> | No<br><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<br><input type="checkbox"/> | No<br><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  
24/10/2011

Section 1
Description of the Proposed Calendar Change: Addition of a new course.
Rationale of the Proposed Calendar Change(s): (Corresponding to Section 2 where required)
This course covers material which is necessary for students understanding of material in an existing course and which cannot be reasonably included in the existing course Biology 3250 (Comparative Animal Physiology I) without adversely affecting student workload therein.

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

Biology 3XXX Animal Physiology: Intracellular communication and coordination.

Credit Weight: 0.5

Description: An examination of integrated intracellular communication mechanisms which enable extracellular messengers, including hormones, neurotransmitters and drugs, to exert their effects. Areas to be discussed include primary messenger receptors, intracellular signaling mechanisms, and cellular adaptation to messenger stimuli. This course complements Biology 3250 (Comparative Animal Physiology I), supports Biology 3251 (Comparative Animal Physiology II), and is a very useful preparation for Biology 4850 (Neurochemistry) and 4855 (Pharmacology). Students are recommended to take BIOL 3250, Animal Physiology: Animal communication and control systems concurrently.

Offering: 3-1.5; 0-0

Section 3

The Faculty(ies) affected by the proposed calendar change

SES

**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

Passed at Biology departmental meeting Sept. 16, 2011

Name:

Dr. David Law, Chair, Biology



Faculty:

SES

Date:

03/11/2011

Signature of Dean

*Nov. 3/11*

