

## 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:<br>Addition of a new course.                    |
| Rationale of the Proposed Calendar Change(s):<br>(Corresponding to Section 2 where required) |
| The proposed amendments clarify, modernize and shorten the existing calendar entries.        |

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 3250 Comparative Animal Physiology I

Credit Weight: 0.5

Description: An introduction to organismal and cellular communication emphasizing endocrine, neural and intracellular signal transduction mechanisms. Laboratory exercises will involve practical experience in the use of in vivo and in vitro techniques in endocrine and neurophysiological investigations. Students with a general interest in physiology, and not intending to pursue graduate or professional studies may, with the permission of the instructor, elect to submit an assigned term paper in lieu of participation in the laboratory component of the course.

Offering: 3-3; 0-0

Notes: Students who have taken Biology 2030 may not take Biology 3250 or 3251 for credit. An additional fee (see Miscellaneous Fees) is required for this course. May only be taken with the written consent of the instructor or the Chair of the Department.

[back to top](#)

Biology 3251 Comparative Animal Physiology II  
Credit Weight: 0.5

Biology 3250 Animal Physiology: Animal communication and control systems.

Credit Weight: 0.5

Description: A comparative examination of organismal communication systems emphasizing integrated endocrine, and neural mechanisms. Laboratory exercises involve practical experience in the use of in vivo and in vitro techniques in endocrine and neurophysiological investigations. Students are strongly encourage to take BIOL 3XXX - Animal Physiology: Intracellular communication and coordination concurrently.

Offering: 3-3; 0-0

Notes: Students who have taken Biology 2030 may not take Biology 3250 or 3251 for credit. An additional fee (see Miscellaneous Fees) is required for this course.

[back to top](#)

Biology 3251 Animal Physiology: Organ system operation and regulation

Credit Weight: 0.5

Prerequisite(s): Biology 3250 or permission of the

Description: A comparative study of organ system physiology in invertebrates and vertebrates. Areas to be discussed include osmotic and ionic regulation, circulation, respiration, nervous regulation and endocrine regulation. Students with a general interest in physiology, and not intending to pursue graduate or professional studies may, with the permission of the instructor, elect to submit an assigned term paper in lieu of participation in the laboratory component of the course.

Offering: 0-0; 3-3

Notes: Students who have taken Biology 2035 may not take Biology 3250 or 3251 for credit. An additional fee (see Miscellaneous Fees) is required for this course. May only be taken with the written consent of the instructor or the Chair of the Department.

instructor

Description: A comparative study of animal organ system physiology. Areas to be discussed include the structure, operation and regulation of muscle, cardiovascular systems, osmotic and ionic regulation, respiratory- and gastrointestinal systems.

Offering: 0-0; 3-3

Notes: Students who have taken Biology 2035 may not take Biology 3250 or 3251 for credit. An additional fee (see Miscellaneous Fees) is required for this course.

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

Approved by Biology department at meeting, Sept. 16, 2011

Name:

Dr. David Law, Chair, Biology



Faculty:

SES

Date:

03/11/2011

Signature of Dean

