

## Request for Calendar Change Form

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

Date:

To	Secretary of Senate	
From	Name(Dean):	Faculty
	<input type="text" value="Dr. Reino Pulkki"/>	<input "="" type="text" value="Faculty of Forestry and the Forest Enviro..."/>
	Department the change relates to	
	<input type="text"/>	
	Contact Person	
	<input type="text" value="Dr. Brian McLaren"/>	

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<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 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

19/03/2009

Section 1
Description of the Proposed Calendar Change: Removal of Graduate courses offered.
Rationale of the Proposed Calendar Change(s): (Corresponding to Section 2 where required)
<input type="text"/>
These courses have not been offered for a number of years and there is no plan to offer them in the future. Forestry 5480 can be offered to students at the undergraduate level (Forestry 4215). Forestry 5830 is to be combined with Forestry 5850, Fibre Morphology.

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

328

Forestry 5410  
Wood Microbiology  
0-0; 3-0

An advanced course in understanding wood deterioration as it occurs in natural ecosystems and wood products. Emphasis will be placed on the causes of wood deterioration and its control. Laboratory exercises will focus on both the positive and negative aspects of wood decomposition as they relate to forest biotechnology and wood preservation.

NOT OFFERED THIS YEAR

2

328

Forestry 5480  
Advanced Geographic Information Systems Applications  
2-3; 2-3

A study of GIS technologies and their applications and limitations as a natural resources management tool. Hands-on computerized data base management analysis is an integral part of the course. The links between GIS and remote sensing techniques will be demonstrated.

NOT OFFERED THIS YEAR

3

328

Forestry 5550  
Applications of Sampling Techniques in Forestry  
3-0; or 3-0

Topics will include equal and unequal probability sampling techniques at one and multiple levels with estimation of ratios, means, totals and the precision of such estimates. Particular applications of sampling techniques to forestry populations will be emphasized.

NOT OFFERED THIS YEAR

4

328

Forestry 5650

Forecasting in Forest Management

3-0; or 3-0

An introduction to forecasting methods as may be applied in forest management. Emphasis is placed on use of simulation models to forecast forest dynamics under alternative management strategies. Students undertake special projects to learn how to compress, display and interpret analytical outputs.

NOT OFFERED THIS YEAR

5

328

Forestry 5670

Forest Management Science II

0-0; 3-0

Examination and use of quantitative models in forest management planning. The nature of forest management planning problems is discussed in detail, and quantitative models for addressing these problems are examined, critiqued and applied. Students present seminars on assigned topics, and complete a major term project.

NOT OFFERED THIS YEAR

6

328

Forestry 5750

Resource Management

3-0; or 3-0

An in-depth evaluation of the methodologies available for resolving land use problems. The theory and practical limits of different methods are examined. Application of methods to an area is studied. The course is a lecture (1.5 hours per week) and a seminar (1.5 hours per week). A project is involved as well as a final exam.

NOT OFFERED THIS YEAR

7

329

Forestry 5755

Park Systems and Management Planning

3-0; or 3-0

The planning and management of parks and other protected areas is examined from two perspectives. (1) Park systems planning: the process of identifying, evaluating and selecting candidate park areas. This process affords opportunities to consider policy issues related to parks and protected areas and their relationships with surrounding areas and peoples. (2) Park management planning: the process of making decisions about the protection and use of park and protected area environments. This process focuses on visitor behaviour, environmental impacts, and planning frameworks designed to reconcile use and protection.

NOT OFFERED THIS YEAR

8

329

Forestry 5830

Ultrastructure of Wood

0-0; 2-3

To appreciate the structure of wood at the ultrastructure level. The origin and formation of cell wall, microfibril orientation, layering of cell wall structure, pitting of the cell, warty layer and tyloses will be discussed. The difference between normal wood and reaction wood will also be stressed. The techniques and theory of electron microscopy applied to wood structure will be introduced.

NOT OFFERED THIS YEAR

Section 3

The Faculty(ies) affected by the proposed calendar change

**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. Reino Pulkki

Faculty:

Faculty of Forestry and the Forest Environment

Date:

20/03/2009

Signature of Dean