

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 <="" td="" type="text" value="Faculty of Forestry and the Forest Enviro..."/>
	Department the change relates to	
	<input type="text" value="Faculty of Forestry and the Forest Environment"/>	
	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
<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

19/03/2009

Section 1
Description of the Proposed Calendar Change: Change in term course being offered
Rationale of the Proposed Calendar Change(s): (Corresponding to Section 2 where required)
1 Several of these courses were incorrectly listed according to the current schedule of offering. Other courses are changed for a smoother flow for students from one course to another.

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

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Forestry 5575
Application of Modelling in Forest Management
2-3; or 2-3
An introduction to the mathematical modelling of systems of forest management. Single-use and multiple-use models are covered. Students will develop their own modelling projects as the course progresses.

Forestry 5575
Application of Modelling in Forest Management
0-0; or 2-3
An introduction to the mathematical modelling of systems of forest management. Single-use and multiple-use models are covered. Students will develop their own modelling projects as the course progresses.

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Forestry 5710
Tree Improvement I: First Generation
2-3; or 2-3
A study of the principles and methods used for the capture of useful components of genetic variation for the first generation improvement of Canadian tree species. Topics include the identification of breeding zones, establishment of seed zones, physiological basis of genetic variation in yield, selection criteria, selection strategies, ideotypes, and seed orchard design. A lab project(s) in one or more of the areas of experimental selection criteria, short term progeny testing, and computer assisted seed orchard design will be completed jointly by each class.
NOT OFFERED THIS YEAR

Forestry 5710
Tree Improvement I: First Generation
0-0; or 2-3
A study of the principles and methods used for the capture of useful components of genetic variation for the first generation improvement of Canadian tree species. Topics include the identification of breeding zones, establishment of seed zones, physiological basis of genetic variation in yield, selection criteria, selection strategies, ideotypes, and seed orchard design. A lab project(s) in one or more of the areas of experimental selection criteria, short term progeny testing, and computer assisted seed orchard design will be completed jointly by each class.

3

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Forestry 5740
Advanced Remote Sensing Applications
2-3; 2-3
A study of airborne and spaceborne sensor systems, their applications and limitations. Techniques for data acquisition, registration, enhancement, and analysis will be included. Hands-on computer-based image analysis (ERDAS) is an integral part of the course. Applications will include forest depletion

Forestry 5740
Advanced Remote Sensing Applications
0-0; 2-3
A study of airborne and spaceborne sensor systems, their applications and limitations. Techniques for data acquisition, registration, enhancement, and analysis will be included. Hands-on computer-based image analysis (ERDAS) is an integral part of the course.

mapping, vegetation, stress detection and monitoring, as well as land-use inventory. The link between remote sensing and a GIS will be demonstrated.

Applications will include forest depletion mapping, vegetation, stress detection and monitoring, as well as land-use inventory. The link between remote sensing and a GIS will be demonstrated.

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Forestry 5770
Management Strategies for Forests
3-0; or 3-0
A study of the historical and present, national and international development of forest management. The relationship of present management systems in Canada compared to those of our competitors. An estimation of the future trend of management techniques. A lecture-seminar course with 50% of the mark for an application project and 50% for a final exam.

NOT OFFERED THIS YEAR

Forestry 5770
Management Strategies for Forests
3-0; or 0-0
A study of the historical and present, national and international development of forest management. The relationship of present management systems in Canada compared to those of our competitors. An estimation of the future trend of management techniques. A lecture-seminar course with 50% of the mark for an application project and 50% for a final exam.

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Forestry 5810
Forest Policy
3-0; or 3-0
An advanced course in forest policy development and analysis. Working individually and in small teams, students will conduct descriptive, evaluative, and prescriptive analyses of proposed and current forest policies. Students will prepare papers and present formal seminars on assigned topics, and complete a major term project.

NOT OFFERED THIS YEAR

Forestry 5810
Forest Policy
2-3; or 0-0
An advanced course in forest policy development and analysis. Working individually and in small teams, students will conduct descriptive, evaluative, and prescriptive analyses of proposed and current forest policies. Students will prepare papers and present formal seminars on assigned topics, and complete a major term project.

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Forestry 5815
Environmental Assessment
3-0; or 3-0
Environmental assessment (EA) processes and procedures, scientific and analytical protocols, and the role of EA in forest management are presented and student's skills developed in analyzing environmental impacts and EA documents. Students performance is evaluated through a variety of analytical, written and oral projects as well as class participation.

NOT OFFERED THIS YEAR

Forestry 5815
Environmental Assessment
0-0; or 3-0
Environmental assessment (EA) processes and procedures, scientific and analytical protocols, and the role of EA in forest management are presented and student's skills developed in analyzing environmental impacts and EA documents. Students performance is evaluated through a variety of analytical, written and oral projects as well as class participation.

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:

23/03/2009

Signature of Dean