

## Request for Calendar Change Form

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

Date:

16/10/2008

To	Secretary of Senate	
From	Name(Dean):	Faculty
	Dr. A.P. Dean	SES
	Department the change relates to	
	Chemistry	
	Contact Person	
	Dr. C. Gottardo	

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 checked="" type="checkbox"/> | No<br><input 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 checked="" type="checkbox"/> | No<br><input 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

13/11/2008

Section 1

Description of the Proposed Calendar Change:

Addition of two new courses: 1) Bioinformatics and 2) Special Topics in Biological Chemistry

Rationale of the Proposed Calendar Change(s):

(Corresponding to Section 2 where required)

1

In July 2009 a new SHARCNET Research Chair will join the Department of Chemistry. This person brings a new area of teaching and research in the form of bioinformatics and computational drug design. Dr. Floriano has already developed these courses and they will be part of her teaching load.

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

no entry

Chemistry 3xxx

Bioinformatics

0:0; 1-2

Prerequisite: Chemistry 3251/Biology 3252

Developing practical bioinformatics skills. Some of the topics covered are: introduction to Linux; web databases and resources; overview and use of public and commercial software packages for sequence and structure analysis; examples of applications of everyday bioinformatics.

Chemistry 4xxx (ST)

Special Topics in Biological Chemistry

Prerequisite: Chemistry 3251/Biology 3252 and permission of the Department.

Selected topics in biological chemistry such as: computational tools in the discovery of medicinal drugs; biologically active inorganic compounds; drug design.

2

183

1. Honours BSc (Chemistry Major)

.....

Fourth Year:

(a) Chemistry 4111, 4901

(b) Two FCEs chosen from: Chemistry 3271, 3431, 4011, 4131, 4211, 4311, 4411, 4551, 4571, 4710

(c) One and one-half FCE electives

1. Honours BSc (Chemistry Major)

.....

Fourth Year:

(a) Chemistry 4111, 4901

(b) Two FCEs chosen from: Chemistry 3271, 3431, 4011, 4131, 4211, 4311, 4411, 4551, 4571, 4710, 4xxx

(c) One and one-half FCE electives

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

Name:

Faculty:

Date:

Signature of Dean