

*Business  
3293, 4233  
and cross-  
calendar with  
Engineering*

**Request for Calendar Change Form**

Tracking No:  
(Senate Secretary's Office  
use only)  
Date:  
17/09/2010

To Secretary of Senate  
From Name(Dean): Bahram Dadgostar  
Department the change relates to Faculty of Business Administration  
Contact Person Bahram Dadgostar  
Faculty Faculty of Business Administration

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 checked="" type="checkbox"/> | No<br><input type="checkbox"/>            |
| 2. Is a transition plan needed for student in progress?  | Yes<br><input checked="" type="checkbox"/> | No<br><input 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 checked="" type="checkbox"/> | No<br><input 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 checked="" type="checkbox"/> | No<br><input 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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Do the proposed changes include change in course(s) which is/are open elective available to any student in any program?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Signatures:

Date approved by faculty council  
05/02/2010

### Section 1

#### Description of the Proposed Calendar Change:

Add Business 3293 Database Processing 0.5 Full Course Equivalent (currently a Business elective) as a 3rd year core course for Information Systems (IS) major students  
Change the 1.0 Full Course Equivalent Elective-Open for 3rd year IS major students to 0.5 Full Course Equivalent Elective-Open

Remove Business 4233 (Local Area Networks) from the 4th year core course list for IS major students  
Change the 1.0 Full Course Equivalent Elective-Open for the 4th year IS major to 1.5 Full Course Equivalents Electives Open  
Remove Business 4233 from Honours BSc (Computer Science – Business Option 4th year.

Cross calendar Business 3293 with Engineering 2254 - Data Management and Information Systems  
Cross calendar Business 3253 with Engineering 2453 - Computer Communications and Networking

#### Information Systems Minor

Change Business 3293 – Data Base Processing to Business 3293/Engineering 2254 – Data Management and Information Systems

#### Rationale of the Proposed Calendar Change(s): (Corresponding to Section 2 where required)

##### Reasons to add Business 3293 as a core course.

Within IS the importance of the subject matter of this course has increased  
It is a hands-on course which provides essential skills on database management  
The relevant skills are required by most employers looking for IS employees  
To provide better preparation for IS co-op students. This issue has been identified in employer co-op reports.

##### Reasons to remove 4233 as a core course.

The majority of the course content no longer reflects changing knowledge and skills required of IS majors  
The course content that does continues to be relevant will now be covered in Business 3253/Engineering 2453

##### Reasons to have cross-calendared courses with Engineering.

To coordinate course offerings with other departments of the university

To provide business students the opportunity to work with students in related professional

programs.

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

<http://mycoursecalendar.lakeheadu.ca/pg13.html>

6. Information Systems Major

Third Year Core Subjects  
(above) 2.0  
Business 3073 - Business Applications Programming 0.5  
Business 3213 - Systems Analysis and Design 0.5  
Business 3253 - Business Data Communications 0.5  
Business 3273 - Website Design and Administration 0.5  
Business 4218 - Managing Organizational Change 0.5  
1.0 Full Course Equivalent Elective - Open 1.0  
5.5

6. Information Systems Major

Fourth Year Core Subjects  
(above) 0.5  
Business 4233 - Local Area Networks 0.5  
Business 4253 - Advanced Systems Analysis and Design 0.5  
Business 4273 - Electronic Business Strategies 0.5  
2.0 Full Course Equivalent Electives - Open Business 2.0  
1.0 Full Course Equivalent Elective - Open 1.0  
5.0

Business 3253  
Business Data Communications  
Credit Weight: 0.5  
Prerequisite(s): Business 2033  
Description: Current trends and issues in the adoption of communications media and equipment, methods of data transmission, and the hardware and software needed to support computer connectivity. Emphasis is

6. Information Systems Major

Third Year Core Subjects (above) 2.0  
Business 3073 - Business Applications Programming 0.5  
Business 3213 - Systems Analysis and Design 0.5  
Business 3253/Engineering 2453 Computer Communications and Networking 0.5  
Business 3273 - Website Design and Administration 0.5  
Business 3293/Engineering 2254 Data Management and Information Systems 0.5  
Business 4218 - Managing Organizational Change 0.5  
0.5 Full Course Equivalent Elective - Open 0.5  
5.5

6. Information Systems Major

Fourth Year Core Subjects (above) 0.5  
Business 4253 - Advanced Systems Analysis and Design 0.5  
Business 4273 - Electronic Business Strategies 0.5  
2.0 Full Course Equivalent Electives - Open Business 2.0  
1.5 Full Course Equivalent Elective - Open 1.5  
5.0

Business 3253/Engineering 2453  
Computer Communications and Networking  
Credit Weight: 0.5  
Prerequisite(s): Business 2033 for Business 3253  
Description: For course description see Engineering 2453

placed on how current communications technologies support various network architectures. Course participants will be expected to demonstrate their understanding of network design and the management of network equipment by undertaking projects that meet a variety of design specifications.

Business 3293

Database Processing

Credit Weight: 0.5

Prerequisite(s): Business 2033

Description: An in-depth study of database design principles, which examines how databases are developed to satisfy organizational objectives. Specific topics will include database design, development and deployment, normalization, distributed systems, SQL, database administration, and data warehousing. Course participants will be expected to learn and demonstrate proficiency in the use of representative Database Management Systems software applications

Business Minor

Business 3293 – Data Base Processing

Business 3293/Engineering 2254

Data Management and Information Systems

Credit Weight: 0.5

Prerequisite(s): Business 2033 for Business 3293

Description: For course description see Engineering 2254

Business Minor

Business 3293/Engineering 2254 – Data Management and Information Systems.

Section 3

The Faculty(ies) affected by the proposed calendar change

Faculty of Business, Faculty of Engineering, Computer Science

**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:

Bahram Dadgostar, Dean

Faculty:

Faculty of Business Administration

Date:

12/04/2010

Signature of Dean



I agree to this calendar change proposal                      Yes                       No

Name:

M. Benson

Faculty:

Computer Science

Date:

29/03/2010

Signature of Dean

I agree to this calendar change proposal                      Yes                       No

Name:

H. Saliba

Faculty:

Faculty of Engineering

Date:

10/03/2010

Signature of Dean

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: M. BENSON  
Mr Benson? COMPUTER SCIENCE

Faculty: SCIENCE & E.S

Date: Mar 29/10

Signature of Dean



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: Henri Saliba

Faculty: Engineering

Date: March 10/10

Signature of Dean



## Information Systems Calendar Change

### Questions

2. Is a transition plan needed for students in progress?

1. a) Students currently completing third year of the IS Major and registering in the fourth year in 2010/2011 will complete the core Information Systems courses in 4<sup>th</sup> year, including Business 4233 which will be offered for the last time in the academic year 2010/2011.
- b) These students will be encouraged to complete Business 3293/Engineering 2254 - Data Management and Information Systems as a 0.5 Full Course Equivalent Elective - Business

2. Honours Bachelor of Commerce students registering in the third year of the IS major in Fall 2010 will be advised that they are required to complete Business 3293/Engineering 2254 – Data Management and Information Systems in third year or in the fourth year of the IS major. This will be a course requirement for graduating from the IS major in 2011/2012.

6. Will the proposed changes affect existing teaching loads within your department/school/faculty?

Teaching loads of sessional faculty in the Faculty of Business Administration are reduced.

8. Will the proposed change require direct or in-kind support from outside the academic unit?

The Faculty of Engineering is allowing Business students to access Engineering courses which are course calendared.

10. Do the proposed changes include a change in course which is service/required course(s) in another program?

An optional Information Systems course is eliminated from the Computer Science Business Minor