

**UNIVERSITY COUNCIL  
ACADEMIC PROGRAMS COMMITTEE  
REQUEST FOR DECISION**

---

**PRESENTED BY:** Gordon Hill, Chair, Academic Programs Committee  
**DATE OF MEETING:** March 19, 2009  
**SUBJECT:** **Program Termination for Biotechnology Management major**  
**DECISION REQUESTED:**

*It is recommended:*  
That Council approve termination of the Biotechnology Management major in the Bachelor of Commerce program, effective immediately.

**PURPOSE:**  
The Biotechnology Management major in the Bachelor of Commerce program is an academic program at the University of Saskatchewan. Terminations of academic programs are approved by Council.

**SUMMARY**  
The attached documents describe this field of specialization and why the college is requesting its deletion. At its February 24 meeting, the Academic Programs Committee of Council agreed to recommend approval of this program termination.

Please note that while the Edwards School of Business requested deletion of the Biotechnology Management major in January, their memo is now dated February 24 because the committee had asked for some revisions to the memo during its discussion of this request.

The committee is now routinely requesting that colleges provide covering memos for program terminations.

**ATTACHMENTS:**  
Covering memo and report form for program termination

**MEMORANDUM**

**TO:** Cathie Fornssler, Secretary  
Academic Programs Committee

**FROM:** Alison Renny, Assistant Dean  
Edwards School of Business

**DATE:** February 24, 2009

**RE:** Elimination of the Biotechnology Management Major at ESB

The faculty of the Edwards School of Business is requesting the Academic Program Committee of Council to approve the deletion of the Biotechnology Management Major from the Bachelor of Commerce degree program.

The major is currently comprised as follows:

BTEC 200.3

BTEC 300.4

COMM 346.3

15 credit units from the following list:

AGEC 292.3, BTEC 301.3, BTEC400.3, COMM 345.3, PHIL 236.3, POLS 362.3, SOC 292.3. SOC323.3.

With the dissolution of the Virtual College of Biotechnology, three of the non-Commerce courses have been eliminated. Those courses are BTEC 200.3, BTEC300.3, BTEC400.3. Therefore, new ESB students can no longer pursue the Biotechnology Management Major within ESB.

ESB only offered two courses in the Biotechnology Management Major: COMM 345.3 and COMM 346.3. ESB will continue to offer these courses to both ESB and non-ESB students. The courses will be available to ESB students either as free senior ESB electives or as part of the requirements of the Management Major. Seats in COMM 345.3 and COMM 346.3 will also be reserved for Arts and Science students pursuing studies in Biotechnology. The school is considering the development of new courses in technology management and technology transfer in the future within the Management major.

ESB has reviewed the program of study of each of the eight students still enrolled in the Biotechnology Management Major. Each student will be able to complete their major with courses currently being offered by ESB. No new students have been admitted to the major since February 2006. In order to provide students with accurate program advice, it is essential that the Biotechnology Management Major be eliminated.

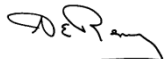
Attached is the Report Form for Program Termination. Please direct any questions to:

Alison Renny, Assistant Dean,  
Edwards School of Business

[renny@edwards.usask.ca](mailto:renny@edwards.usask.ca)

966-4792

Regards,



A. E. Renny

---

---

## Report Form for Program Termination

---

---

**Department:** **College:** Edwards School of Business  
**Program(s) to be deleted:** Biotechnology Management Major  
**Effective date of termination:** Immediate

---

---

### 1. List reasons for termination and describe the background leading to this decision.

The Biotechnology Management Major is currently comprised as follows:

BTEC 200.3

BTEC 300.4

COMM 346.3

15 credit units from the following list:

AGEC 292.3, BTEC 301.3, BTEC400.3, COMM 345.3, PHIL 236.3, POLS 362.3, SOC 292.3.  
SOC323.3.

With the dissolution of the Virtual College of Biotechnology, three of the non-Commerce courses have been eliminated. Those courses are BTEC 200.3, BTEC300.3, BTEC400.3. Therefore, new ESB students can no longer pursue the Biotechnology Management Major within ESB.

ESB only offered two courses in the Biotechnology Management Major: COMM 345.3 and COMM 346.3. ESB will continue to offer these courses to both ESB and non-ESB students. The courses will be available to ESB students either as free senior ESB electives or as part of the requirements of the Management Major. Seats in COMM 345.3 and COMM 346.3 will also be reserved for Arts and Science students pursuing studies in Biotechnology.

The school is considering the development of new courses in technology management and technology transfer in the future within the Management major.

Approval for the elimination of the Biotechnology Management Major within the Edwards School of Business occurred as follows:

- ESB Executive Committee approved that no new students be admitted to the Biotechnology Management Major starting for the year of study 2006/07
- Approved by the Management and Marketing Department spring 2008
- Approved by the Undergraduate Curriculum Committee spring 2008
- Approved by faculty at the May 12, 2008 Faculty Meeting

---

---

## **2. Technical information.**

### 2.1 Courses offered in the program and faculty resources required for these courses.

The Edwards School of Business offered only two classes in the major: COMM 345.3, Business and Public Policy and COMM 346.3, Commercialization of Biotechnology. Both these courses will continue to be offered at ESB and ESB students can take these courses as either free senior electives or as classes to meet other major requirements. Both courses remain fully subscribed.

Therefore there will be no resource impact to ESB associated with the elimination of the major.

Students will continue to have the following access to the following majors in order to complete degree program requirements:

- Accounting
- Finance
- Human Resource Management
- Management
- Marketing
- Operations Management

### 2.2 Other resources (staff, technology, physical resources, etc) used for this program.

ESB faculty, staff and technology resources are not impacted by the elimination of the major as the two Commerce courses in the major are still being offered.

### 2.3 Courses to be deleted, if any.

No ESB courses deleted.

### 2.4 Number of students presently enrolled.

We currently have eight students enrolled in the Biotechnology Management Major at ESB. The program of study for each student was reviewed in February 2008 to ensure that they could complete their major requirements in an orderly fashion. Each of the eight students will be able to complete their major with courses being offered in 2008/09.

No new students have been admitted to the Biotechnology Management Major since February 2006. It should be noted that ESB students select their major during Program Planning in term two of their second year of study.

2.5 Number of students enrolled and graduated over the last five years.

Year Enrolled	Enrolled/Year 3	Enrolled/Year 4	Year	Graduates/Spring	Graduates/Fall
2003/04	17	4	2004	5	1
2004/05	10	10	2005	6	1
2005/06	6	6	2006	7	1
2006/07	9	5	2007	3	5
2007/08	8	5	2008	8	
2008/09	0	8	2009	TBD	TBD

Please note, that ESB only recognizes one major at the time of graduation. Therefore, the number of students who are enrolled in the Biotechnology Management Major does not necessarily equal the number of students who graduate with the major.

### 3. Impact of the termination.

#### Internal

3.1 What, if any, impact will this termination have on undergraduate and graduate students? How will they be advised to complete their programs?

Please see the response to question 2.4 above. All students currently enrolled in the Biotechnology Management Major have had their program of study reviewed. All can complete their studies with courses being offered in 2008/09.

3.2 What impact will this termination have on faculty and teaching assignments?

The termination of the Biotechnology Management Major will not affect faculty or teaching assignments at ESB because no ESB courses are being eliminated.

3.3 Will this termination affect other programs, departments or colleges?

The termination of the Biotechnology Management Major should not affect other programs, departments or colleges.

3.4 If courses are also to be deleted, will these deletions affect any other programs?

No ESB courses will be deleted.

3.5 Is it likely, or appropriate, that another department or college will develop a program to replace this one?

In light of the dissolution of the Virtual College of Biotechnology, this is unlikely.

3.6 Is it likely, or appropriate, that another department or college will develop courses to replace the ones deleted?

No ESB courses will be deleted.

3.7 Describe any impact on research projects.

No impact on research projects is anticipated.

3.8 Will this deletion affect resource areas such as library resources, physical facilities, and information technology?

There will be no affect on the above.

3.9 Describe the budgetary implications of this deletion.

The Edwards School of Business receives no funds from the provincial government grant and operates on tuition revenue alone. As there are no classes at ESB being discontinued, there are no budgetary implications for ESB associated with this decision.

#### External

3.10 Describe any external impact (e.g. university reputation, accreditation, other institutions, high schools, community organizations, professional bodies).

The dissolution of the Virtual College of Biotechnology was approved by appropriate University oversight bodies including council and university senate. As the cancellation of the college was approved, any impact of the cancellation of the college would have been reviewed by council and university senate at the time of those decisions being deliberated.

3.11 Is it likely or appropriate that another educational institution will offer this program if it is deleted at the University of Saskatchewan?

ESB is not aware of another educational institution that might offer this program.

#### Other

3.12 Are there any other relevant impacts or considerations?

Much of the programming offered through the Biotechnology Management Major is currently available in our new Management Major. The school may decide to develop and offer courses in technology management and technology transfer in the future within the Management major.

3.13 Please provide any statements or opinions received about this termination.

---

---

**(Optional)**

**4. Additional information.**

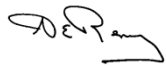
Programs which have not undergone recent formal reviews should provide additional relevant information about quality, demand, efficiency, unique features, and relevance to the province.

---

---

Biotechnology Management Major was not reviewed during systematic program review due to the newness of the program. No formal review has been conducted.

Regards,



Alison Renny  
Assistant Dean