



Program Closure Proposals for the 2011-2012 Calendar

In 2008-09 the Faculty of Arts & Science participated in a curriculum review process and developed new degree level expectations for its undergraduate degrees. Since then, the Faculty's academic units have been reviewing all of their programs to align the program objectives with degree level expectations and degree requirements. The academic units have also considered whether programs were unique or whether students would be able to undertake similar studies from another existing program. The proposed program closures have resulted from this process of curriculum review and renewal, as well as each unit's academic planning process.

Students currently enrolled in all the programs proposed for closure will be able to complete their programs.

Anthropology (Linguistics and Semiotics), BA, Major **Department of Anthropology**

There is low enrolment in the program and the low numbers of faculty in this sub-field make it difficult to teach the courses needed to maintain the program. Some of the courses in the program will transition to the current Major and Specialist in Anthropology (Social and Cultural); courses are being renamed accordingly, i.e., as Anthropology (Society, Culture and Language). The Linguistics and Semiotics, Major program has the following enrolments:

2 nd year	3 rd year	4 th year	Total
9	5	6	20

Planning and Budget implications

Students will be able to either complete their current program or transfer into one of the existing programs offered by the department. The department will provide students with academic advising regarding their program and other program requirements.

There will be no impact on faculty and staff as a result of the program closure. There are no financial implications for the Faculty with respect to the closure nor are any other academic units affected by the closure.

Behaviour, BSc, Specialist **Ecology, BSc, Specialist** **Evolutionary Biology, BSc, Specialist** **Department of Ecology and Evolutionary Biology**

The Department of Ecology and Evolutionary Biology was created in 2006 from relevant members of the previous departments of Zoology and Botany. In 2009 the Department initiated and completed a comprehensive review of its undergraduate programs and it is in the process of implementing its curricular recommendations. These include increasing flexibility and access to its undergraduate programs, reviewing its current suite of programs,

and initiating new programs that build on the breadth of the Faculty and reflect the changing field of Ecology and Evolutionary Biology.

Aspects of the programs proposed for closure have already been integrated into the revised existing Department of Ecology & Evolutionary Biology programs and/or new program proposals for the 2011-12 Calendar. The Department will continue to offer its Ecology and Evolutionary Biology Major and is proposing a new Specialist program. The programs proposed for closure have the following enrolments:

	2 nd year	3 rd year	4 th year	Total
Behaviour, BSc, Specialist	14	4	8	26
Ecology, BSc, Specialist	11	9	4	24
Evolutionary Biology, BSc, Specialist	6	6	13	25

Planning and Budget implications

Students will be able to either complete their current program or transfer into one of the existing or proposed new programs offered by the department. The department will provide students with academic advising regarding their program and other program requirements.

There will be no impact on faculty and staff as a result of the program closure. There are no financial implications for the Faculty with respect to the closure nor are any other academic units affected by the closure.

Botany, BSc, Specialist, Major, Minor

Zoology, BSc, Specialist, Major, Minor

Department of Cell & Systems Biology and Department of Ecology & Evolutionary Biology

The deletion of the programs in Botany and Zoology were outlined in the plan for the establishment of the new departments in 2006. The programs have been considered as part of revised existing Department of Ecology & Evolutionary Biology and Department of Cell and Systems Biology programs and/or new program proposals for the 2011-12 Calendar. The programs have the following enrolments:

	2 nd year	3 rd year	4 th year	Total
Botany, BSc, Specialist,	4	3	2	9
Botany, BSc, Major	13	6	7	26
Botany, BSc, Minor	12	7	8	27
Zoology, BSc, Specialist	16	7	6	29
Zoology, BSc, Major	62	71	98	231
Zoology, BSc, Minor	48	34	53	135

Planning and Budget implications

Students will be able to either complete their current program or transfer into one of the existing or proposed new programs offered by the departments. The departments will provide students with academic advising regarding their program and other program requirements.

There will be no impact on faculty and staff as a result of the program closure. There are no financial implications for the Faculty with respect to the closure nor are any other academic units affected by the closure. Both departments have co-ordinated the planning for program closures.

Biogeography, BSc, Specialist
Department of Geography

There is declining enrolment in the program and the low numbers of faculty in this sub-field make it difficult to teach the courses needed to maintain the program. The program has the following enrolments:

2 nd year	3 rd year	4 th year	Total
0	1	1	2

Planning and Budget implications

Students will be able to complete their current program.

There will be no impact on faculty and staff as a result of the program closure. There are no financial implications for the Faculty with respect to the closure nor are any other academic units affected by the closure.

Economic History, BA, Major, Minor
Department of Economics

There is low and declining enrolment in the program and the low numbers of faculty in this sub-field make it difficult to teach the courses needed to maintain the program. The program has the following enrolments:

	2 nd year	3 rd year	4 th year	Total
Major	3	3	9	15
Minor	0	1	7	8

Planning and Budget implications

Students will be able to complete their current programs. The department will provide students with academic advising regarding their program. There will be no impact on faculty and staff as a result of the program closure. There are no financial implications for the Faculty with respect to the closure nor are any other academic units affected by the closure.

Classics, BA, Specialist
Department of Classics

With introduction of 400-level requirement for Major programs, the Specialist program in Classics overlaps with the separate majors in Greek and Latin. The Department will continue to offer the Classics Major program. The Classics Specialist program has the following enrolments:

2 nd year	3 rd year	4 th year	Total
12	6	2	20

Planning and Budget implications

Students will be able to either complete their current program or transfer into one of the existing programs offered by the department. The department will provide students with academic advising regarding their program and other program requirements.

There will be no impact on faculty and staff as a result of the program closure. There are no

financial implications for the Faculty with respect to the closure nor are any other academic units affected by the closure.

Computer Science - Artificial Intelligence, BSc, Specialist
Computer Science – Flexible Option, BSc, Specialist, Major
Computer Science – Foundations, BSc, Specialist
Computer Science – Information Systems, BSc, Specialist
Computer Science – Software Engineering, BSc, Specialist
Computer Science & Economics, BSc, Specialist
Computer Science & Mathematics, BSc, Specialist
Computer Science & Physics, BSc, Specialist
Computer Science & Statistics, BSc, Specialist
Human Computer Interaction, BSc, Specialist
Linguistics & Computing, BSc, Specialist
Department of Computer Science

The Department of Computer Science currently offers a Computer Science Specialist and Major in addition to a set of combined specialists and other programs. The Department reviewed all its offerings as part of the A&S curriculum renewal process. The current collection is now confusing for students, who find it hard to distinguish some programs from others or who find it difficult to make choices that match their goals. In addition, some students in upper years find their choices constrained by a very specialized program. The proposed consolidated Specialist, Major and Minor programs will avoid duplication amongst existing program offerings while still maintaining a strong emphasis on providing breadth and depth. Students will have greater flexibility in course choice in upper years. The Department will offer advice on course choice and concentration within the program and the proposed calendar entries direct students to advice from staff and faculty.

Arts & Science students are increasingly enrolling in double major programs and there is no longer a need for separate Combined Specialists in the Department. In addition, as the discipline of computer science has become prevalent in relation to many disciplines, the Department does not consider it feasible to design Combined Specialist programs with every discipline where interaction might be fruitful, and experience shows that such programs are difficult to maintain. The programs have the following enrolments:

	2 nd year	3 rd year	4 th year	Total
Computer Science - Artificial Intelligence, Specialist	9	17	26	52
Computer Science - Flexible Option Specialist and Major	10	8	12	30
Computer Science - Foundations, Specialist	25	22	17	64
Computer Science - Information Systems, Specialist	5	12	8	25
Computer Science - Software Engineering, Specialist	38	57	72	167
Computer Science & Economics, Specialist	2	4	6	12
Computer Science & Mathematics, Specialist	3	2	1	6
Computer Science & Physics, Specialist	5	0	0	5
Computer Science & Statistics, Specialist	4	2	1	7
Human Computer Interaction, Specialist	4	2	4	10
Linguistics & Computing, Specialist	0	1	0	1

Planning and Budget implications

Students will be able to either complete their current program or transfer into the Computer Science Specialist. The department will provide students with academic advising regarding their programs and program requirements.

There will be no impact on faculty and staff as a result of the program closure. There are no financial implications for the Faculty with respect to the closure nor are any other academic units affected by the closure. The Department has consulted with associated cognate Departments in the Faculty and they are supportive in the concept of providing double Majors rather than separate combined programs. The Department has also consulted with the Faculty of Applied Science and Engineering, as Applied Science and Engineering students are enrolled in computer sciences courses.

Linguistics and Languages, BA, Combined Specialist with French, German, Italian, Spanish, Slavic**Department of Linguistics**

Now that all major programs in the Faculty of Arts & Science must include 0.5 FCE at the 400-level, each of the combined specialist program does not present enough substantive differences with regards to the corresponding double majors. There is low enrolment in the programs:

Linguistics and Languages – Combined Specialist with	2 nd year	3 rd year	4 th year	Total
French	7	4	1	12
German	1	2	0	3
Italian	0	0	0	0
Spanish and Portuguese	5	0	1	8
Slavic	0	0	0	0

Planning and Budget implications

Students will be able to complete their current programs. The department will provide students with academic advising regarding their programs.

There will be no impact on faculty and staff as a result of the program closure. There are no financial implications for the Faculty with respect to the closure nor are any other academic units affected by the closure.

Semiotics and Communication Theory, BA, Major**Victoria College**

There is decreasing enrolment in the program and only one faculty member teaching in it. The College will continue to offer the Minor program, which will help maintain course offerings sufficient for existing majors to complete their program. Also, some of the courses in the program will transition to the existing Literary Studies Major and Specialist programs. The Semiotics and Communication Theory program has the following enrolments:

2 nd year	3 rd year	4 th year	Total
18	18	27	63

Planning and Budget implications

Students will be able to complete their current program and the College will provide academic advising for students.

There will be no impact on faculty and staff as a result of the program closure. There are no financial implications for the Faculty with respect to the closure nor are any other academic units affected by the closure.

Sociology and Urban Studies, BA, Specialist
Department of Sociology

Arts & Science students are increasingly enrolling in double major programs and there is no longer a need for separate Combined Specialists in the Department. There is no enrolment in the Sociology and Urban Studies program:

2 nd year	3 rd year	4 th year	Total
0	0	0	0

Planning and Budget implications

There will be no impact on faculty and staff as a result of the program closure. There are no financial implications for the Faculty with respect to the closure nor are any other academic units affected by the closure.