

TRENT UNIVERSITY

To: Colin Taylor, Dean (Arts & Science)

From: Beth Popham, Associate Dean (Arts & Science)

Subject: Additional articulation agreements between
Trent University's Environmental & Resource Science/Studies Program and
Biology Department
& Sir Sandford Fleming College's Terrain & Water Resources Technology, Fish
& Wildlife, and Ecosystem Management 3-year diploma programs

Date: March 28, 2000

Please find attached **for consideration by the Academic Development Committee** a number of proposed articulation agreements between Trent University and Sir Sandford Fleming College in high affinity areas for degree completion for graduates of some of the 3-year diploma programs in School of Environmental & Natural Resources.

- 1) *Fish & Wildlife Technology* degree completion in *ERS*
- 2) *Fish & Wildlife Technology* degree completion in *Biology*
- 3) *Ecosystem Management Technology* degree completion in *ERS*

Qualified students will enter the four year honours degree program at the third year level. These students will be given 10 credits towards the degree, and must complete 10 additional credits as specified in the program requirements outlined in Appendix A of the agreements.

The process of development of these programs has been highly consultative, involving the chairs of the following departments and programs -- ERS, Biology, Chemistry, and Mathematics -- as well as their counterparts at Fleming College.

The agreements themselves are modelled on the BSc (Honours) Degree completion program in *Environmental and Resource Studies* for graduates from the 3-year diploma program in *Terrain & Water Resources Technology* which received approval by Senate on Tuesday, February 25.

Also included here is

- 4) a slight refinement of advance credits and required courses for completion in the previously approved articulation

Degree completion options for graduates of Fleming College's *Fish & Wildlife Technology* 3-year diploma program

1) Environmental and Resources Studies

The purpose of this agreement is to permit qualified students from 3-year diploma Fleming College programs which have high affinity with Trent Science programs to enter the four year honours degree program at the third year level. These students will be given 10 credits towards the degree, and must complete 10 additional credits as specified in the program requirements outlined in Appendix A of this agreement.

Students graduating from the *Fish & Wildlife Technology* program with an average of 75% will be granted

- 2.0 Environmental and Resource Studies credits -- ERSC100 and one unspecified credit at the 200-level
- 2.5 Biology credits -- BIOL 102H, BIOL 305, 0.5 unspecified (category B), 0.5 unspecified (category C)
- 0.5 Mathematics credit (100-level)
- 5.0 unspecified Science credits

Note: As these credits recognize areas covered in the course of the *Fish & Wildlife Technology* program rather than one-to-one course equivalents, numerical grades will not be recorded on the Trent transcript. Completion of these credits will be recognized with a "Pass" grade.

To complete the BSc (Honours) in *Environmental & Resource Studies*, students will have to complete

- ERSC 221H
- 1.0 ERSC (Science) or ERST (Arts) credit at the 200-level
- 5.5 credits at the 300 or 400-level, at least one of which must be an ERST (Arts) course
- 1.0 additional ERSC (Science) or ERST (Arts) credits
- 0.5 Mathematics credit
- CHEM100
- 0.5 elective credits above the 200-level

This specialized degree completion program will allow the student to satisfy all of the University's requirements governing Honours Science degrees: at least 4 disciplines, and the obligatory Mathematics credit, are required; and students will complete at least 7 credits at the 300 or 400-level within the scope of a two-year degree completion program.

Degree completion options for graduates of Fleming College's *Fish & Wildlife Technology* 3-year diploma program

2) *Biology*

The purpose of this agreement is to permit qualified students from 3-year diploma Fleming College programs which have high affinity with Trent Science programs to enter the four year honours degree program at the third year level. These students will be given 10 credits towards the degree, and must complete 10 additional credits as specified in the program requirements outlined in Appendix A of this agreement.

Students graduating from the *Fish & Wildlife Technology* program with an average of 75% will be granted

- 2.0 Environmental and Resource Studies credits -- ERSC100 and one unspecified credit at the 200-level
- 2.5 Biology credits -- BIOL 102H, BIOL 305, 0.5 unspecified (category B), 0.5 unspecified (category C)
- 0.5 Mathematics credit (100-level)
- 5.0 unspecified Science credits

Note: As these credits recognize areas covered in the course of the *Fish & Wildlife Technology* program rather than one-to-one course equivalents, numerical grades will not be recorded on the Trent transcript. Completion of these credits will be recognized with a "Pass" grade.

To complete the BSc (Honours) in *Biology*, students will have to complete

- BIOL 103H
- 7.0 additional Biology courses, including
 - ▶ 1.0 from category A
 - ▶ 0.5 from category B
 - ▶ 0.5 from category C
- 0.5 Mathematics credit
- CHEM 100
- 1.0 elective credit of their choice

Note: 6 of the 10 credits taken must be at the 300 or 400-level.

This specialized degree completion program will allow the student to satisfy all of the University's requirements governing Honours Science degrees: at least 4 disciplines, and the obligatory Mathematics credit, are required; and students will complete at least 7 credits at the 300 or 400-level within the scope of a two-year degree completion program.

Degree completion options for graduates of Fleming College's *Ecosystem Management Technology* 3-year diploma program

3) Environmental and Resources Studies

The purpose of this agreement is to permit qualified students from 3 year-diploma Fleming College programs which have high affinity with Trent Science programs to enter the four year honours degree program at the third year level. These students will be given 10 credits towards the degree, and must complete 10 additional credits as specified in the program requirements outlined in Appendix A of this agreement.

Students graduating from the *Ecosystem Management Technology* program with an average of 75% will be granted

- 3.0 Environmental and Resource Studies credits -- ERSC100, ERST 250, and one unspecified ERSC (Science) credit at the 200-level
- BIOL/ERSC 202
- ERSC/GEOG 209H
- 5.5 unspecified Science credits

Note: As these credits recognize areas covered in the course of the *Ecosystem Management Technology* program rather than one-to-one course equivalents, numerical grades will not be recorded on the Trent transcript. Completion of these credits will be recognized with a "Pass" grade.

To complete the BSc (Honours) in *Environmental & Resource Studies*, students will have to complete

- ERSC221H
- 5.0 credits at the 300 or 400-level, at least one of which must be an ERST (Arts) course
- 1.0 Mathematics credit
- CHEM100
- 2.5 elective credits, at least 2.0 of which must be above the 200-level

This specialized degree completion program will allow the student to satisfy all of the University's requirements governing Honours Science degrees: at least 4 disciplines, and the obligatory Mathematics credit, are required; and students will complete at least 7 credits at the 300 or 400-level within the scope of a two-year degree completion program.

Degree completion option for graduates of Fleming College's *Terrain & Water Resources Technology* 3-year diploma program

MINOR REVISIONS to the program passed by Senate on February 28,2000 are INDICATED IN **BOLD TYPE**

4) *Environmental & Resources Studies*

The purpose of this agreement is to permit qualified students from certain 3 year-diploma Fleming College programs which have high affinity with Trent Science programs to enter the four year honours degree program at the third year level. These students will be given 10 credits towards the degree, and must complete 10 additional credits as specified in the program requirements outlined in Appendix A of this agreement.

Students graduating from the *Terrain & Water Resources Technology* program with an average of 75% will be granted

- 3.5 Environmental & Resource Studies credits -- ERSC100, **ERST 325H**, ERST 308, and one unspecified ERSC (Science) credit at the 200-level
[originally read: "3.5 ERS credits" -- including ERSC 100, ERST 308, and ERSC/GEOG 208H. ERSC/GEOG 208H has been replaced with 0.5 credits in Mathematics; ERST 325H has been added]
- 1.0 unspecified Biology credit
- **0.5 Mathematics credit (100-level)**
- 5.0 unspecified Science credits

Note: As these credits recognize areas covered in the course of the *Terrain & Water Resource Technology* program rather than one-to-one course equivalents, numerical grades will not be recorded on the Trent transcript. Completion of these credits will be recognized with a "Pass" grade.

To complete the BSc (Honours) in *Environmental & Resource Studies*, students will have to complete

- ERSC221H
- 1.0 ERSC (Science) or ERST (Arts) credit at the 200-level
- **1.5 ERSC (Science) or ERST (Arts) credit any level**
- **3.5 credits** at the 300 or 400-level, at least one of which must be an ERST (Arts) course
[originally read: "5 credits at the 300 or 400-level"]
- 0.5 Mathematics credit
- CHEM100
- 2.0 elective credits, at least 1 of which must be above the 200-level

This specialized degree completion program will allow the student to satisfy all of the University's requirements governing Honours Science degrees: at least 4 disciplines, and the obligatory Mathematics credit, are required; and students will complete at least 7 credits at the 300 or 400-level within the scope of a two-year degree completion program.