

**University of Windsor  
Program Development Committee**

\*5.15            **Concurrent Honours Biological Sciences (with/without thesis)/Bachelor of Education  
(Minor Program Changes)**

Item For:        **Approval**

Forwarded by:   **Education**

**MOTION:**       **That the concurrent Honours Biological Sciences (with/without thesis)/Bachelor of Education be changed in accordance with the submitted program/course change forms.\***

*\*Subject to the approval of expenditures required.*

**Rationale/Approvals:**

- The proposed changes have been approved by the Faculty of Education Council.
- See attached

# PROGRAM DEVELOPMENT COMMITTEE

## MINOR PROGRAM CHANGES

### FORM "C"

**TITLE OF PROGRAM/CERTIFICATE:** Concurrent Honours Biological Sciences with/without thesis,  
Bachelor of Education

**DEPARTMENT/SCHOOL:** Education

**FACULTY:** Education

**Proposed change(s) effective as of** [Fall, Winter, Spring]: Fall, 2014

#### A.1 PROGRAM REQUIREMENT CHANGES

*Please provide the current program requirements and the proposed new program requirements by cutting and pasting from the current undergraduate or graduate web calendar ([www.uwindsor.ca/calendars](http://www.uwindsor.ca/calendars)) and clearly marking deletions with strikethrough (~~strikethrough~~) and additions/new information with **bolding and underlining**.*

*Example:*

Major requirements: 00-100, ~~00-104~~, 00-110, 00-210, 00-310, 00-410, plus three additional courses at the **300-level or** 400-level.

#### **Concurrent Honours Biological Sciences with thesis/Bachelor of Education**

*As of Fall 2014, there are no new admissions to this program.*

[...]

**Total courses:** fifty-five.

**Major requirements:** twenty courses, including the "Core" courses 55-140, 55-141, 55-210, 55-211, 55-213, and 55-341; and fourteen other Biology courses including 55-420\*. At least nine courses must be at the 300 level or above. (Recommended: 55-238 and 55-320.)\* *It should be noted that only students who have maintained a major average of 70% and a cumulative average of 60% will be permitted to enroll in 55-420.*

**Other requirements:**(a) nine Science courses, including 59-140, 59-141, 59-230, 59-261, ~~62-140 or 62-139~~ **62-140 or, 62-139, or 62-130**, 62-141, and 65-205 or 65-250 (if Mathematics is the second teachable), and one pair of Science courses based on the second teachable as specified below:

#### **Concurrent Honours Biological Sciences/Bachelor of Education (without thesis)**

*As of Fall 2014, there are no new admissions to this program.*

[...]

**Total courses:** fifty-five.

**Major requirements:** twenty courses, including the "Core" courses 55-140, 55-141, 55-210, 55-211, 55-213, and 55-341; and fourteen other Biology courses. At least nine courses must be at the 300 level or above. (Recommended: 55-238 and 55-320.)

[...]

**Other requirements:**(a) nine Science courses, including 59-140, 59-141, 59-230, 59-261, ~~62-140 or 62-139~~ **62-140 or, 62-139, or 62-130**, 62-141, and 65-205 or 65-250 (if Mathematics is the second teachable), and one pair of Science courses based on the second teachable as specified below:

[...]

#### A.2 MINOR COURSE CHANGES REQUIRING ADDITIONAL RESOURCES OR AFFECTING DEGREE REQUIREMENTS

*If this is a minor course and calendar change (usually noted on a Form E) requiring additional resources or affecting degree requirements, please provide the current course information and the proposed new course information by cutting and pasting from the current undergraduate or graduate web calendar and clearly marking deletions with strikethrough (~~strikethrough~~) and additions/new information with **bolding and underlining**.*

*Examples of minor course changes include: deleting courses, course description changes, pre/anti/co- requisite changes, contact hour/lab requirement changes, course title changes, renumbering courses, and/or cross-listing courses. Minor course calendar changes, which do not require additional resources or do not affect degree requirements, should be submitted on a **Form E**.*

N/A

# PROGRAM DEVELOPMENT COMMITTEE

## MINOR PROGRAM CHANGES

### FORM "C"

#### B. RATIONALE

*Please provide a rationale for the proposed change(s).*

Need to add 62-130 to the Biology Concurrent Education Professional Year Program to match the requirements of the Honours Biology Degree.

#### C. RESOURCES

##### C.1 Available Faculty and Staff Resources (QAF sections 2.1.7, 2.1.8, 2.1.9 and 2.1.10)

*Describe all faculty and staff resources (e.g., administrative, teaching, supervision) from all affected areas/departments currently available and actively committed to support the program change(s).*

n/a

##### C.1.1

*Provide an assessment of faculty expertise available and committed to actively support the revised program.*

n/a

##### C.1.2

*Describe the area's expected reliance on, and the role of adjunct, limited-term, and sessional faculty in delivering the revised program.*

n/a

##### C.1.3

*For graduate programs: Explain how supervisory loads will be distributed, and describe the qualifications and appointment status of faculty who will provide instruction and supervision in the revised program.*

n/a

##### C.1.4

*For graduate programs: Where appropriate to the revised program, provide evidence that financial assistance for graduate students will be sufficient to ensure adequate quality and numbers of students.*

n/a

##### C.2 Other Available Resources

*Provide evidence that there are adequate resources available and committed to the revised program to sustain the quality of scholarship produced by undergraduate students as well as graduate students' scholarship and research activities, including for example:*

- staff support,
- library,
- teaching and learning support,
- student support services,
- space,
- equipment,
- facilities
- GA/TA

n/a

##### C.3 Resource Implications for Other Campus Units (MTCU sections 3 and 4)

*Describe the reliance of the proposed program revisions on existing resources from other campus units, including for example:*

- existing courses,
- equipment or facilities outside the proposer's control,
- external resources requiring maintenance or upgrading using external resources

*Provide relevant details.*

This does not add additional resources but rather reflects existing requirements of the Honours Biology Degree.

# PROGRAM DEVELOPMENT COMMITTEE

## MINOR PROGRAM CHANGES

### FORM "C"

#### **C.4 Anticipated New Resources (QAF sections 2.1.7, 2.1.8 and 2.1.9; MTCU section 4)**

List all **anticipated new resources** originating from within the area, department or faculty (external grants, donations, government grants, etc.) and committed to supporting the revisions to this program.

n/a

#### **C.5 Planned Reallocation of Resources and Cost-Savings (QAF section 2.1.7 and 2.1.9; MTCU section 4)**

Identify all opportunities for

- internal reallocation of resources and
- cost savings

identified and pursued by the area/department in support of the revisions to this program. (e.g., streamlining existing programs and courses, deleting courses, etc.)?

n/a

#### **C.6 Additional Resources Required – Resources Requested (QAF section 2.1.7 and 2.1.9)**

Describe all **additional faculty, staff and GA/TA resources** (in all affected areas and departments) required to run the revised program.

**Faculty:** none

**Staff:** none

**GA/TAs:** none

##### **C.6.1**

Describe all **additional institutional resources and services** required by all affected areas or departments to run the revised program, including library, teaching and learning support services, student support services, space and facilities, and equipment and its maintenance.

**Library Resources and Services:** none

**Teaching and Learning Support:** none

**Student Support Services:** none

**Space and Facilities:** none

**Equipment (and Maintenance):** None