

### Minor Program Adjustment Template

<b>Faculty:</b> Science	<b>Date:</b> October 2016
<b>Program:</b> Chemistry	
<b>Undergraduate:</b> <input checked="" type="checkbox"/>	<b>Graduate:</b> <input type="checkbox"/>

*Minor Program Adjustments include: New required courses, Deletion of required courses, Other changes to degree requirements or program learning outcomes, New academic requirements or changes to existing requirements.*

**Motion:** That CPRC approve the inclusion of CHEM 4040U and CHEM 4060U in the elective requirements for the two Chemistry specializations.

#### Proposal Brief

##### Summary of the proposed change

Last year, we made some changes to our chemistry program. In the change, we had a typo, and forgot to include two courses as fourth-year elective chemistry courses for students in the chemical biology, and pharmaceutical chemistry specializations. These courses are CHEM 4040U, and CHEM 4060U. Prior to the changes, these fourth-year courses were suitable electives (the language was 'any fourth-year chemistry course can be used as a chemistry elective'). We simply want to put these courses back as suitable chemistry electives, as they were on the old calendar.

##### Description of the ways in which the proposed change will enhance the academic opportunities

This was a typo. Without fixing this, students in 4th year pharmaceutical chemistry, and chemical biology would not be able to take these courses as suitable 4th year chemistry electives, which will have a negative impact on our program.

##### Process of consultation with other units if the change(s) involves students, staff and faculty from other programs of courses

No impact on other units.

##### Transition Plan

None

##### Analysis of the financial and enrolment implications

None

##### Proposed Implementation Date

Immediate.

**Calendar Copy and Program Maps (highlight revisions to existing curriculum)****Chemistry Major – Chemical Biology Specialization****\*\*Electives and breadth requirements**

All students must complete a total of 33 elective credit hours including 6 credit hours in Senior Chemistry electives. Students who are not accepted into the thesis option (CHEM 4410U / CHEM 4420U) must take two additional Senior Chemistry electives for a total of 39 elective credit hours. A Senior Chemistry elective is defined as any combination of CHEM 3250U, CHEM 3090U, CHEM 4010U, CHEM 4010U, CHEM 4040U, CHEM 4041U, CHEM 4042U, CHEM 4060U, CHEM 4110U, CHEM 4120U, CHEM 4510U, CHEM 4520U, and CHEM 4080U. At least 15 elective credit hours must be in courses offered in the Faculty of Science including the Senior Chemistry electives; the additional Senior Chemistry electives required for students who are not enrolled in thesis cannot be used to meet this requirement. In order to satisfy breadth requirements; at least 12 elective credit hours must be in courses outside the Faculty of Science. Students must take the remaining 6 elective credit hours in a general elective (offered by the Faculty of Science or outside the Faculty of Science).

**Chemistry Major – Pharmaceutical Chemistry Specialization****\*\*Electives and breadth requirements**

All students must complete a total of 30 elective credit hours including 3 credit hours in Senior Chemistry electives. Students who are not accepted into the thesis option (CHEM 4410U / CHEM 4420U) must take two additional Senior Chemistry electives for a total of 36 elective credit hours. A Senior Chemistry elective is defined as any combination of CHEM 3250U, CHEM 3090U, CHEM 4010U, CHEM 4010U, CHEM 4040U, CHEM 4041U, CHEM 4042U, CHEM 4060U, CHEM 4110U, CHEM 4120U, CHEM 4510U, CHEM 4520U, and CHEM 4080U. At least 12 elective credit hours must be in courses offered by the Faculty of Science including the Senior Chemistry elective; the additional Senior Chemistry electives required for students who are not enrolled in thesis cannot be used to meet this requirement. At least 12 elective credit hours must be in courses outside the Faculty of Science. Students must take the remaining 6 elective credit hours in a general elective (offered by the Faculty of Science or outside the Faculty of Science).

**APPROVAL DATES**

Date of submission	October 2016
Curriculum Committee approval	October 2016
Faculty Council approval	November 2016