

To: Kathy Turner, Chair, Undergraduate Curriculum Committee  
Via: Gordon Nelson, Dean, College of Science  
And Michael Babich, Head, Department of Chemistry  
From: Clayton Baum, Chemistry  
Re: Proposed Changes in Biochemistry Program (Chemistry Option)  
Date: May 6, 2008

The Department of Chemistry proposes to change the graduation requirements for the undergraduate program in Biochemistry (Chemistry option) . The detailed changes are listed below along with our rationale for requesting this change. There are no new courses involved and the total number of credit hours remains the same as well as the number of credit hours each semester. Attached is the appropriate form along with the current and proposed program plans. The changes are highlighted in bold.

1. Replace 3 credits of Restricted Electives (BIO, CHM) in the Fall semester of the Senior year with CHM 4800 Undergraduate Research 1 (3 credits). CHM 4800 has been approved by the QEPIC as meeting the QEP requirement. This change will reduce the 12 credit hours of Restricted Elective (21 credits total) that must be selected from Chemistry to 9
2. If Biochemistry majors elect to take BCM 4491/4992 Senior Thesis in Biochemistry (6 credits), which also meets the QEP requirement, this sequence will replace CHM 4800 and 3 credits of Restricted Electives.

The addition or removal of any graduation requirement in a major or minor requires that this form, accompanied by any supporting documentation, be completed and approved as indicated below.

College Science Department Chemistry

Degree level BS Program title Biochemistry, 7028 (Chemistry option)

To be initiated with catalog year 20 08 / 20 09 Change requested for  major program  minor program

Brief description of requested changes (attach a more detailed description and any supporting documentation)

1. Replace 3 credits of Restricted Electives (BIO, CHM) in Fall, Senior Year with CHM 4800 Undergraduate Research 1 (3 credits). CHM 4800 has been approved by the QEPIC as meeting the QEP requirement.  
 2. The change above will reduce the 12 credit hours of Restricted Elective that must be selected from Chemistry to 9. If Biochemistry majors elect to take BCM 4491/4992 Senior Thesis in Biochemistry (6 credits), which also meets the QEP requirement, this sequence will substitute for CHM 4800 and 3 credits of Restricted Electives.

**APPROVALS**

On completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee, for approval below and forward to the Office of the Registrar.

*J. Clayton Bann* 5/16/08 \_\_\_\_\_  
 Original Date Chair, Graduate Council Date

*MW Bahl* 5/16/08 \_\_\_\_\_  
 Department Head/ Major Program Chair Date **OR**

\_\_\_\_\_  
 Department Head/ Minor Program Chair Date

*M. Nelson* \_\_\_\_\_  
 Dean or Associate Dean Date Chair, Undergraduate Curriculum Committee Date

**Registrar's Use Only** Operator Init \_\_\_\_\_ Date \_\_\_\_\_

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