

# WINONA STATE UNIVERSITY NOTIFICATIONS

Department Chemistry

Date 12/12/13

If the proposed curricular change involves existing courses and is considered a Notification, complete and submit this form. Refer to Regulation 3-4, *Policy for Changing the Curriculum*, for complete information on submitting proposals for curricular changes.

Please check type of change(s):

☐ Reduction in course number    ☐ Change in grading option    ☐ Change in hours or credits in an independent study course  
☐ Change in course title    ☐ Change in course description\*    ☒ Change in existing major, minor, option, concentration, etc.\*  
☐ Change in prerequisites    ☐ Change in course number within level, e.g. 310 to 350    ☐ Change in delivery method

## A. Current Course Information

Course No. \_\_\_\_\_ Course Title \_\_\_\_\_ Credits \_\_\_\_\_

This proposal is for a(n) \_\_\_\_\_ Undergraduate Course \_\_\_\_\_ Graduate Course

Applies to \_\_\_\_\_ Major \_\_\_\_\_ Minor  
                    \_\_\_\_\_ Required \_\_\_\_\_ Required  
                    \_\_\_\_\_ Elective \_\_\_\_\_ Elective

Prerequisites \_\_\_\_\_

Grading \_\_\_\_\_ Grade only \_\_\_\_\_ P/NC only \_\_\_\_\_ Grade and P/NC Option

Frequency of offering \_\_\_\_\_

**Proposed Course Information.** (Please indicate only proposed changes below.)

Course No. \_\_\_\_\_ Course Title \_\_\_\_\_ Credits \_\_\_\_\_

Prerequisites \_\_\_\_\_

Grading \_\_\_\_\_ Grade only \_\_\_\_\_ P/NC only \_\_\_\_\_ Grade and P/NC Option

Frequency of offering \_\_\_\_\_

Effective date (normally the next semester) \_\_\_\_\_

B. \*If the proposal requests a change in the course description, please attach a description of the change requested and list both the current and proposed course description. If the proposal requests a change in an existing major, minor, option, concentration, etc., please attach a description of the change(s) requested and list both the current and proposed program listings.

Approved by the Department

David H. Klein  
Department Chair

12/12/13  
Date

dshein@winona.edu  
e-mail address

Notification to the College Dean

☒ Yes ☐ No

Charles S. M. Belp  
Dean of College

12/20/13  
Date

Presented at A2C2 meeting on

1/29/2014  
Date

Chris J. R.  
Chair of A2C2

Presented at Graduate Council meeting on (if applicable)

\_\_\_\_\_ Date

\_\_\_\_\_ Chair of Graduate Council

Submitted to Registrar on

1/30/2014  
Date

Registrar: Please notify department chair via e-mail that Notification has been recorded.

\*If a dean has comments on a notification, the dean shall forward the comments to the department. [Revised 7-13-11]

5/13/14



This proposal requests correcting the mathematics requirement in the Biochemistry Minor (BIOC). The current minor as written is on the left. The change involves the mathematics options under "Note". The revised minor is shown on the right. MATH 150 and 155 no longer exist. Therefore, the only mathematics requirement is MATH 212.

## BS MINOR - CHEMISTRY (CHEM)

30-34 S.H.

### REQUIRED COURSES (28-32 S.H.)

#### **Chemistry - CHEM (24 S.H.)**

- 212, 213 Principles of Chemistry I, II (8)
- 350, 351 Principles of Organic Chemistry I, II (9)
- 412 Physical Chemistry I (3)
- 425 Analytical Chemistry I (4)

#### **Mathematics – MATH (4-8 S.H.)**

- 120 Precalculus (4)
- 212 Calculus (4)

**Note:** Precalculus, MATH 120 (4), may be omitted if a student has otherwise met the prerequisite for MATH 212. MATH 150 (3) and MATH 155 (3) can be used to satisfy MATH 212 in this minor.

#### **ELECTIVES (2 S.H.)**

Chemistry 300-400 electives. Not from CHEM 340, 341.

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