WINONA STATE UNIVERSITY
NOTIFICATIONS

Department ________Mathematics & Statistics__________ Date ______January 20, 2014_______

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
- X Change in course description*
- _Change in existing major, minor, option, concentration, etc.*
- X Change in prerequisites
- _Change in course number within level, e.g. 310 to 350
- _Change in delivery method

A. **Current** Course Information

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 360</td>
<td>Regression Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

This proposal is for a(n) X Undergraduate Course ______ Graduate Course

Applies to X Major ______ Minor

_____ Elective X_____ Elective

Prerequisites An introductory statistics course (preferably STAT 210 or STAT 305)

Grading X Grade only ______ P/NC only ______ Grade and P/NC Option

Frequency of offering Offered fall semester

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

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 310</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Prerequisites

Grading ______ Grade only ______ P/NC only ______ Grade and P/NC Option

Frequency of offering Yearly

Effective date (normally the next semester) Fall 2014

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.

<table>
<thead>
<tr>
<th>Current Course Description</th>
<th>New Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>360 – Regression Analysis (3 S.H.) Simple linear regression, multiple regression, hypothesis testing, analysis of residuals, stepwise regression. Interpretation of computer output will be emphasized. Prerequisites: an introductory statistics course (preferably STAT 210 or STAT 305). Completion of or concurrent enrollment in MATH 130 or MATH 205 is recommended. Offered fall semester.</td>
<td>360 – Regression Analysis (3 S.H.) Simple linear regression, multiple regression, hypothesis testing, analysis of residuals, stepwise regression. Interpretation of computer output will be emphasized. Prerequisites: STAT 310 Offered Yearly.</td>
</tr>
</tbody>
</table>
Approved by the Department

Department Chair ____________________________________________________________________________

Date ____________________________________________________________________________________

_bdeppa@winona.edu________________________________________________________
e-mail address

Notification to the College Dean  

☑ Yes  ___ No ________________________________________________________________

Dean of College _________________________________________________________________________

Date __________________________________________________________________________________

Presented at A2C2 meeting on 3/19/2014 __________________________________________________

Date __________________________________________________________________________________

Chair of A2C2 __________________________________________________________________________

Presented at Graduate Council meeting on (if applicable) 3/20/2014 __________________________

Date __________________________________________________________________________________

Chair of Graduate Council __________________________________________________________________

Submitted to Registrar on 3/20/2014 _________________________________________________________

Date ___________________________________________________________________________________

Registrar: Please notify department chair via e-mail that Notification has been recorded. [Revised 7-13-11]

*If a dean has comments on a notification, the dean shall forward the comments to the department. [Revised 7-13-11]
New Business
1) Minutes from 12/06/12
   The minutes were approved by unanimous consent.

2) Motion from Mathematics Group: The MATH subgroup moves that the department approve the attached course outline for MATH112. The name change has already been approved.
   A2C2 paperwork is attached.
   After some clarifying discussion, the motion was approved with the last sentence rewritten as it appears above.

3) Motion from Statistics Group: All statistics majors will be required to take STAT 310 as a second course.
   This motion was approved without objection.

5) Adjourn
   We adjourned about 1:25

Respectfully submitted,
Jeff Draskoci-Johnson