

**The Ohio State University  
Colleges of the Arts and Sciences Course Change Request**

Department of Statistics

Academic Unit

Statistics

133N

Book 3 Listing (e.g., Portuguese)

Course Number

Summer      Autumn X      Winter      Spring      Year 2006

**Proposed effective date:** choose one quarter and put an "X" after it; and fill in the year. See the OAA curriculum manual for deadlines.

**A. Course Offerings Bulletin Information.** Follow instructions in the OAA curriculum manual. Before you fill out the "Present Course" information, be sure to check the latest edition of the *Course Offerings Bulletin* and subsequent Circulating Forms. You may find that the changes you need have already been made or that additional changes are needed. If the course offered is less than quarter or term, please also complete the Flexibly Scheduled/OffCampus/Workshop Request form.

**COMPLETE ALL ITEMS THIS COLUMN**

**Present Course**

1. Book 3 Listing: Statistics

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2. Number: 133N

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3. Full Title: Statistics for the Business Sciences

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4. 18-Char. Transcript Title: STAT BUS SCI

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5. Level and Credit Hours U 4

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6. Description: Introduction to the basic concepts of probability and statistics; discrete and continuous probability distributions; confidence intervals, and estimation.  
(25 words or less)

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7. Qtrs. Offered : Su, Au, Wi, Sp

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8. Distribution of Contact Time: 4 hr lecture (2 hrs twice/wk)  
(e.g., 3 cl, 1 3-hr lab)

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9. Prerequisite(s): Math 132

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10. Exclusion: NA  
(Not open to....)

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11. Repeatable to a maximum of NA credits.

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12. Off-Campus Field Experience: NA

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13. Cross-listed with: NA

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14. Is this a GEC course? Yes

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15. Grade option (circle): LtrX      S/U      P  
If P graded, what is the last course in the series?

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16. Is an honors version of this course available? Not yet

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17. Other general course information:

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**COMPLETE ONLY THOSE ITEMS THAT CHANGE**

**Changes Requested**

1. \_\_\_\_\_

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2. \_\_\_\_\_

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3. \_\_\_\_\_

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4. \_\_\_\_\_

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5. U5

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6. \_\_\_\_\_

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7. \_\_\_\_\_

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8. 3 hr lecture (1 ½ hr twice/week) + 1-2 hr recitation

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9. \_\_\_\_\_

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10. \_\_\_\_\_

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11. \_\_\_\_\_

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12. \_\_\_\_\_

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13. \_\_\_\_\_

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14. \_\_\_\_\_

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15. \_\_\_\_\_

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16. \_\_\_\_\_

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17. \_\_\_\_\_

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**B. General Information**

1. Do you want the prerequisites enforced electronically (see the OAA manual for what can be enforced)? Yes

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2. Does this course currently satisfy any GEC requirement, if so indicate which category? Yes - Quantitative and Logical Skills

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3. What other units require this course? Have these changes been discussed with those units? Business College. They are aware of and approve the changes.

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4. Have these changes been discussed with academic units that might have a jurisdictional interest in the subject matter? Attach relevant letters.

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5. Is the request contingent upon other requests, if so, list the requests? No

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6. **Purpose of the proposed change. (If the proposed change affects the content of the course, attach a revised syllabus and course objectives and e-mail to [asccurrofc@osu.edu](mailto:asccurrofc@osu.edu).)**  
 Stat 133 moves very quickly and covers many complicated topics. Students must get at least a C- in this course in order to be officially admitted into the Business College. Currently the night section of Stat 133 has no recitations at all; they just have 2 2-hr lectures per week and no time in a computer lab to demonstrate, practice, or experience the course concepts themselves. All recitation activities done by the day section have to be included as part of the large night section lecture (75+ students). (The day lecture has one recitation per week currently, and that is being proposed to move to 2 1-hr recitations per week.) Students need hands on experience and support in doing data analysis using statistical software (a course requirement), and time to actually practice problems and get feedback in a recitation format. Having 1 2-hour recitation per week for Stat 133N (held in a computer lab) will allow us to give them that experience and support. It will also allow us to incorporate case studies involving real world data and hands on team based lab assignments that will make the course more effective. This format is also already employed by Stat 135N and Stat 145N, GEC courses for non-business students. (We prefer having one 2-hr recitation per week rather than 2 1-hr recitation per week to reduce the number of trips to campus for the nontraditional students who take Stat 133N.)


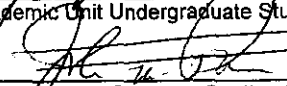
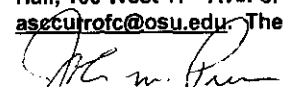
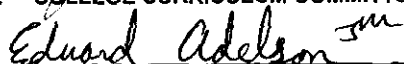
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7. Please list Majors/Minors affected by the proposed change. Attach revisions of all affected programs. This course is (check one):  
 Required on major(s)/minor(s)       A choice on major(s)/minors(s)  
 An elective within major(s)/minor(s)       A general elective:  
 Required by students enrolled in the Business College

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8. Describe any changes in library, equipment or other teaching aids needed as a result of the proposed change or if the proposed change involves budgetary adjustments, describe the method of funding:  
 The credit change will require 3.5 more TAs at 50% for Stat 133; the statistics department will incur this expense.

**Approval Process** The signatures on the lines in ALL CAPS ( e.g. ACADEMIC UNIT) are required.

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|--|----------------------------------|-----------------|
| <br>1. Academic Unit Undergraduate Studies Committee Chair  | JOSEPH VERDUCCI<br>Printed Name  | 1/11/06<br>Date |
| <br>2. Academic Unit Graduate Studies Committee Chair   | Douglas A. Wolfe<br>Printed Name | 1/11/06<br>Date |
| 3. ACADEMIC UNIT CHAIR/DIRECTOR  | Douglas A. Wolfe<br>Printed Name | 1/11/06<br>Date |
| 4. After the Academic Unit Chair/Director signs the request, forward the form to the ASC Curriculum Office, 105 Brown Hall, 190 West 17 <sup>th</sup> Ave. or fax it to 688-5678. Attach the syllabus and any supporting documentation in an e-mail to <a href="mailto:asccurrofc@osu.edu">asccurrofc@osu.edu</a> . The ASC Curriculum Office will forward the request to the appropriate committee. |                                  |                 |
| <br>5. COLLEGE CURRICULUM COMMITTEE   | John Parson<br>Printed Name      | 1-26-06<br>Date |
| <br>6. ARTS AND SCIENCES EXECUTIVE DEAN   | Edward Adelson<br>Printed Name   | 2-22-06<br>Date |
| 7. Graduate School (if appropriate)  | Printed Name                     | Date            |