

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

Department of Statistics

Academic Unit

Statistics

133

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
2. Number: 133
3. Full Title: Statistics for the Business Sciences
4. 18-Char. Transcript Title: STAT BUS SCI
5. Level and Credit Hours U 4
6. Description: Introduction to the basic concepts of probability and statistics; discrete and continuous probability distributions; confidence intervals, and estimation. (25 words or less)
7. Qtrs. Offered : Su, Au, Wi, Sp
8. Distribution of Contact Time: 3 hr lecture; 1 hr recitation (e.g., 3 cl, 1 3-hr lab)
9. Prerequisite(s): Math 132
10. Exclusion: NA
(Not open to...)
11. Repeatable to a maximum of NA credits.
12. Off-Campus Field Experience: NA
13. Cross-listed with: NA
14. Is this a GEC course? Yes
15. Grade option (circle): LtrX S/U P
If P graded, what is the last course in the series?
16. Is an honors version of this course available? Not yet
17. Other general course information:

COMPLETE ONLY THOSE ITEMS THAT CHANGE
Changes Requested

1. _____
2. _____
3. _____
4. _____
5. U5
6. _____
7. _____
8. 3 hr lecture; 2 1-hr recitations
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____

B. General Information

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

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

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.

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



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

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.)**
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. They need more than one recitation per week in order to process and practice the information they have learned and get their questions answered. They also need much more hands on experience and support in doing data analysis using statistical software (a course requirement). One more recitation per week 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. A large number of students each quarter comment to us that they would like two recitations per week; our TAs have also made this request, so they can have more time to review the material with students and make sure they understand everything well each week. Given that the day lecture for Stat 133 contains one large section of 400-500 people that meets 3 hours per week, having a small sized recitation twice a week (vs only once a week) is critical to student success and motivation, as well as course effectiveness. This format is also already employed by Stat 135 and Stat 145, GEC courses for non-business students.

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

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.

- | | | |
|--|------------------|---------|
| 1.  | JOSEPH VERDUCCI | 1/13/06 |
| Academic Unit Undergraduate Studies Committee Chair | Printed Name | Date |
| 2. _____ | Printed Name | Date |
| Academic Unit Graduate Studies Committee Chair | Printed Name | Date |
| 3.  | DOUGLAS A. WOLFE | 1/12/06 |
| ACADEMIC UNIT CHAIR/DIRECTOR | Printed Name | 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 th Ave. or fax it to 688-5678. Attach the syllabus and any supporting documentation in an e-mail to asccurrofc@osu.edu . The ASC Curriculum Office will forward the request to the appropriate committee. | | |
| 5. COLLEGE CURRICULUM COMMITTEE | Printed Name | Date |
| 6. ARTS AND SCIENCES EXECUTIVE DEAN | Printed Name | Date |
| 7. Graduate School (if appropriate) | Printed Name | Date |

8. University Honors Center (if appropriate) Printed Name Date

9. Office of International Affairs (study tours only) Printed Name Date

10. **ACADEMIC AFFAIRS** Printed Name Date

Colleges of the Arts and Sciences Curriculum Office. 08/09/05