

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

Statistics

Academic Unit

Statistics

Book 3 Listing (e.g., Portuguese)

H 246 Intermediate Data Analysis

Number Title

Int. Data Analysis

U

4

18-Character Title Abbreviation

Level

Credit Hours

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 the instructions in the OAA curriculum manual. If this is a course with decimal subdivisions, then use one New Course Request form for the generic information that will apply to all subdivisions; and use separate forms for each new decimal subdivision, including on each form the information that is unique to that subdivision. If the course offered is less than a quarter or a term, please complete the Flexibly Scheduled/Off Campus/Workshop Request form.

Description (*not to exceed 25 words*): Intermediate data analysis including multiple regression, analysis of variance, nonparametric methods, and time series. Emphasis on statistical reasoning and using statistical software.

Quarter offered: ~~W~~ W Distribution of class time/contact hours: 4 1-hr cl

Quarter and contact/class time hours information should be omitted from Book 3 publication (yes or no): no

Prerequisite(s): Stat 245 (or credit for Stat 245 based on AP Statistics exam score)

Exclusion or limiting clause: Student must have honors or scholars standing

Repeatable to a maximum of _____ credit hours.

Cross-listed with:

Grade Option (Please check): Letter S/U Progress What is course is last in the series? _____

Honors Statement: Yes No GEC: Yes No Admission Condition
 Off-Campus: Yes No EM: Yes No Course: Yes No

Other General Course Information:

(e.g. "Taught in English." "Credit does not count toward BSBA degree.")

B. General Information

Subject Code 27.9999 Subsidy Level (V, G, T, B, M, D, or P) B

If you have questions, please email Jed Dickhaut at dickhaut.1@osu.edu.

1. Provide the rationale for proposing this course:

This course is being proposed to give students successful in introductory statistics the opportunity to continue their study of statistics. In particular, this course is geared towards honors and scholars students who have earned a 4 or 5 on the AP Statistics exam or have completed Stat 245 with a B- or above. Many honors and scholars students would be served well by a second course in statistics.

2. Please list Majors/Minors affected by the creation of this new course. 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:

The course may wind up as an elective for some majors (e.g., psychology and economics), but that has not been addressed at this time.

3. Indicate the nature of the program adjustments, new funding, and/or withdrawals that make possible the implementation of this new course.

This course is being proposed through the 2005 University Honors and Scholars call for new course proposal.

If the course is selected by Honors and Scholars, the Honors and Scholars Center would fund course release for the faculty involved for two years and the Department of Statistics would continue to offer the course for at least two more years.

4. Is the approval of this request contingent upon the approval of other course requests or curricular requests?

Yes No List: _____

5. If this course is part of a sequence, list the number of the other course(s) in the sequence: _____


6. Expected section size: 25 Proposed number of sections per year: 1

7. Do you want prerequisites enforced electronically (see OAA manual for what can be enforced)? Yes No


8. This course has been discussed with and has the concurrence of the following academic units needing this course or with academic units having directly related interests (List units and attach letters and/or forms):
Not Applicable

9. Attach a course syllabus that includes a topical outline of the course, student learning outcomes and/or course objectives, off-campus field experience, methods of evaluation, and other items as stated in the OAA curriculum manual and e-mail to ascurofc@osu.edu.


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


1.  Academic Unit Undergraduate Studies Committee Chair Printed Name: JOSEPH VERDUCCI Date: 10/12/05

2. Academic Unit Graduate Studies Committee Chair Printed Name Date

3.  ACADEMIC UNIT CHAIR/DIRECTOR Printed Name: Douglas A. Wolfe Date: 10/12/05

4. After the Academic Unit Chair/Director signs the request, forward the form to the ASC Curriculum Office, 105 Brown Hall, 190 West 17th Ave. or fax it to 688-5678. Attach the syllabus and any supporting documentation in an e-mail to ascurofc@osu.edu. The ASC Curriculum Office will forward the request to the appropriate committee.

5.  COLLEGE CURRICULUM COMMITTEE Printed Name: John Parson Date: 10/24/05

6.  ARTS AND SCIENCES EXECUTIVE DEAN Printed Name: Edward Adelman Date: 1-25-06

7. Graduate School (if appropriate) Printed Name Date

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

9. Office of International Education (if appropriate) Printed Name Date

10. ACADEMIC AFFAIRS Printed Name Date