

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

Statistics

Academic Unit  
STAT

Book 3 Listing (e.g., Portuguese)  
625 Applied Bayesian Analysis

Number	Title	Level	Credit Hours
APPL BAYESN ANLY		4	4

18-Character Title Abbreviation

Summer Autumn Winter X Spring Year 2008

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*):

Introduces various aspects of Bayesian modeling (including conditionally specified models and models for non-normal data) and simulation-based model-fitting strategies.

Quarter offered: Winter Distribution of class time/contact hours: T R  
 Quarter and contact/class time hours information should be omitted from Book 3 publication (yes or no): no

Prerequisite(s): Statistical Theory (Stat 520/521, Stat 610/623, or Stat 621/622) and Applied Regression Analysis (Stat 645)

Exclusion or limiting clause: See attached sheets.

Repeatable to a maximum of 0 credit hours.

Cross-listed with:

Grade Option (Please check): Letter  S/U  Progress  What 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 270501 Subsidy Level (V, G, T, B, M, D, or P) M,D  
 If you have questions, please email Jed Dickhaut at [dickhaut.1@osu.edu](mailto:dickhaut.1@osu.edu).

1. Provide the rationale for proposing this course:  
 See attached sheets.

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:

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

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: 30 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](mailto:ascurofc@osu.edu).

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

	Printed Name	Date
1. Academic Unit Undergraduate Studies Committee Chair	ELIZABETH A. STASNY	10-16-06
2. Academic Unit Graduate Studies Committee Chair	Douglas A. Wolfe	10/16/06
3. ACADEMIC UNIT CHAIR/DIRECTOR		

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 [ascurofc@osu.edu](mailto:ascurofc@osu.edu). The ASC Curriculum Office will forward the request to the appropriate committee.

	Printed Name	Date
5. COLLEGE CURRICULUM COMMITTEE		
6. ARTS AND SCIENCES EXECUTIVE DEAN		
7. Graduate School (if appropriate)		
8. University Honors Center (if appropriate)		
9. Office of International Education (if appropriate)		
10. ACADEMIC AFFAIRS		