



CALIFORNIA STATE UNIVERSITY, LONG BEACH

COMMUNICATION STUDIES · MHB-717

May 7, 2008

To: Praveen Soni, Chair
Academic Senate

From: Patricia Kearney, Chair *P. Kearney*
University Resources Council

SUBJECT: Proposal to change Option in Applied Statistics to M.S. in Applied
Statistics

The University Resources Council reviewed and approved the proposal to elevate the M.S. in Mathematics, Option in Applied Statistics, to M.S. in Applied Statistics at our Meeting #12 held on May 6, 2008.



CALIFORNIA STATE UNIVERSITY, LONG BEACH

MEMORANDUM

To: Praveen Soni, Chair, Academic Senate

From: David G. Huckaby, Chair, Curriculum and Educational Policies Council

Date: 6 May 2008

Re: Option in Applied Statistics

A handwritten signature in black ink, reading "David G. Huckaby", with a long, sweeping flourish extending downwards and to the right.

During its meeting on 30 April 2008, the Curriculum and Educational Policies Council voted to recommend to the Academic Senate that the Department of Mathematics and Statistics be allowed to change this option in the M. S. in Mathematics to a full degree program with the title of M. S. in Applied Statistics. Although this program is not very old, it already enrolls numerous students. The department presented evidence from potential employers that the careers of its graduates would probably be enhanced by this name change, as it would suggest more of a full degree program in statistics than simply an option in mathematics with some statistics training. The evidence suggests that the program is, in fact, already of this type. Some on the council commended the department for its well-written proposal, which includes a plan for assessment of this degree program.

- b. **Proposed catalog description, including program description, degree requirements, and admission requirements. For master's degrees, please also include catalog copy describing the culminating experience requirement(s).**

Catalog Copy

Master of Science in Applied Statistics

Prerequisites

1. A bachelor's degree from an accredited college or university.
2. A grade of "B" or better in MATH 247, STAT 380, and STAT 381 or their equivalents.

Advancement to Candidacy

In addition to University requirements, the student must have completed all prerequisite courses listed above, with no grade less than "B". Students must have satisfied the Graduation Writing Assessment Requirement (GWAR) and should file for Advancement upon completion of at least six units (and no more than nine units) of the Program, with at least a 3.0 GPA.

Requirements

1. A minimum of 30 graduate and approved (*) upper division units in statistics and mathematics including:
 - A. STAT 510, 520, 530.
 - B. Four additional courses selected from 500 level STAT courses or approved (*) 400 level STAT courses.
 - C. A minimum of 18 units at the 500/600 level, including at least 15 units of graduate courses in statistics other than STAT 697 or 698.
2. Complete one of the following:
 - A. Pass comprehensive written examinations in two areas of statistics.
 - B. Subject to the approval of the Statistics Committee of the Department of Mathematics and Statistics, write a thesis in statistics and defend it orally.
 - C. Subject to the approval of the Statistics Committee in the Department of Mathematics and Statistics, complete a statistical project with an industrial company under the guidance of a faculty advisor in statistics. Write a final report and give an oral presentation of the project and its outcomes to the department. Specific requirements for completion of the project can be found on the department's statistics webpage at www.csulb.edu/depts/stat.