

LSC Use Only
 Number: _____
 Action: _____
 Date: _____

UWUCC Use Only
 Number: 53
 Action: _____
 Date: _____

CURRICULUM PROPOSAL COVER SHEET
 University-Wide Undergraduate Curriculum Committee

I. Title/Author of Change

Course/Program Title: Minor in Applied Statistics
 Suggested 20 Character Course Title: _____
 Department: Mathematics
 Contact Person: Gerald Burick

II. If a course, is it being Proposed for:

☒ Course Revision/Approval Only
☐ Course Revision/Approval and Liberal Studies Approval
☐ Liberal Studies Approval Only (course previously has been approved by the University Senate)

III. Approvals

<u><i>Dee M. Schafer</i></u> Department Curriculum Committee	<u><i>Gerald M. Burick</i></u> Department Chairperson
<u><i>[Signature]</i></u> College Curriculum Committee	<u><i>W. J. Cal</i></u> College Dean *
_____ Director of Liberal Studies (where applicable)	_____ Provost (where applicable)

*College Dean must consult with Provost before approving curriculum changes. Approval by College Dean indicates that the proposed change is consistent with long range planning documents, that all requests for resources made as part of the proposal can be met, and that the proposal has the support of the university administration.

IV. Timetable

Date Submitted to LSC: _____	Semester to be implemented: _____	Date to be published in Catalog: _____
to UWUCC: _____		

Part II. Description of Curriculum Change

1. Catalog description for the revised program.

Minor in Applied Statistics

The Minor in Applied Statistics consists of a minimum of seventeen (17) semester hours in mathematics.

Required courses:

- a) Introductory calculus course: MA 121, MA 123, or MA 127;
- b) Introductory statistics course: MA 214, MA 216, or MA 217;
- c) MA 417;
- d) MA 418;

The remaining hours may be chosen from the following:

- a) Second calculus course: MA 122, MA 124, or MA 128;
- b) MA 171;
- c) Any course for mathematics majors approved by the Applied Statistics Advisor

2. Summary of changes.

There are no changes in three of the requirements.

Old

- a) MA 121, 123, or 127.
- b) MA 214, 216, or 217.
- c) MA 417.

New

- a') MA 121, 123, or 127.
- b') MA 214, 216, or 217.
- c') MA 417.

There are changes in remaining requirements.

Old

- d) Choose one of MA 102, MA 122, or MA 171.
- e) The remaining semester hours may be chosen from appropriate courses in statistics, MA 418, MA 481-3, or mathematics courses approved by the designated adviser in the Mathematics Department.

New

- d') MA 418.

The remaining hours may be chosen from the following:

- e') A second calculus course: MA 122, 124, 128.
- f') MA 171.
- g') Any course for mathematics majors approved by the Applied Statistics Adviser.

Rationale: MA 102 has been dropped as an option, and two calculus courses, MA 124 and MA 128, have been added as an option. The Mathematics Department feels MA 102 is at too low a level to be counted toward a minor. Also the content is not totally appropriate for a statistics minor. On the other hand, MA 124 and MA 128 are second semester courses in calculus sequences, which are appropriate in level and content for the minor. MA 122 is also a second calculus course in a sequence.

MA 418 Sampling Survey Theory and its Applications has been added as a required course. The course content is particularly appropriate for an applied statistics minor.

To: Gary Buterbaugh, Chairman
Computer Science Department

From: Gerald Buriok, Chairman
Mathematics Department

Date: January 31, 1991

Subjct: Applied Statistics Minor

At a Department Meeting of the Mathematics faculty on November 29, 1990, a motion was passes to delete MA 102 Finite Math from the list of courses acceptable for the Applied Statistics minor. Since Computer Science students are required to take MA 102, this action will have an impact on your department if approved by the Senate Curriculum Committee. Please provide me with your department's reaction to this change in our Applied Statistics minor.

The catalog description for the Applied Statistics minor will read as follows if the change is implemented:

MINOR IN APPLIED STATISTICS

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Required courses:

- a) Introductory calculus course: MA 121, 123, or 127.
- b) Introductory statistics course: MA 214, 216, or 217.
- c) MA 417.
- d) MA 418.

The remaining hours may be chosen from the following:

- a) Second calculus course: MA 122, 123, 128.
- b) MA 171.
- c) Any course for mathematics majors approved by the Applied Statistics Committee.