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 Buriok_

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

__X__ 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

_____
Department Curriculum Committee

_____
Department Chairperson

_____
College Curriculum Committee

_____
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: _____

to UWUCC: _____

Semester to be
implemented: _____

Date to be
published
in Catalog: _____

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

Subjcet: 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

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

Required courses:

        a) Introductory calculus course: MA 121, 12? 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.