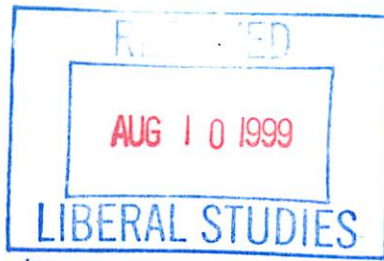


LSC Use Only
Number: _____
Submission Date: _____
Action-Date: _____



UWUCC USE Only 99-40c
Number: _____
Submission Date: _____
Action-Date: UWUCC App 11/9/99
Senate App 2/1/00

CURRICULUM PROPOSAL COVER SHEET
University-Wide Undergraduate Curriculum Committee

I. CONTACT

Contact Person Jacqueline Gorman Phone 7-2608
Department Mathematics

II. PROPOSAL TYPE (Check All Appropriate Lines)

COURSE Patterns and Functions MA 420
Suggested 20 character title

____ **New Course*** _____
Course Number and Full Title

____ **Course Revision** _____
Course Number and Full Title

____ **Liberal Studies Approval+** _____
for new or existing course Course Number and Full Title

____ **Course Deletion** _____
Course Number and Full Title

Number and/or Title Change Pre-Calculus Mathematics I
Old Number and/or Full Old Title

Patterns and Functions for Elementary and Mid School Teachers
New Number and/or Full New Title

____ **Course or Catalog Description Change** _____
Course Number and Full Title

____ **PROGRAM:** _____ Major _____ Minor _____ Track

____ **New Program*** _____
Program Name

____ **Program Revision*** _____
Program Name

____ **Program Deletion*** _____
Program Name

____ **Title Change** _____
Old Program Name

New Program Name

III. Approvals (signatures and date)

Department Curriculum Committee

College Curriculum Committee

Department Chair 3/5/99

College Dean 3/23/99

+ Director of Liberal Studies (where applicable)

*Provost (where applicable)

*John R. Johnson
Academy for
Leadership
5/12/99*

Part II. Description of Curriculum Change

1. Complete catalog description with the new number, title, number of credits, prerequisites, and an appropriately written course description.

MA 420 Patterns and Functions for Elementary and Middle School Teachers 3c-01-3sh
Prerequisites: MA 152; Elementary Education concentration

Examines the function concept as applied to elementary real number functions and graphing techniques for these functions. Topics include real number functions such as absolute value, step, linear, quadratic, and other polynomial functions, trigonometric and other periodic functions, exponential logarithmic functions and all other inverse function. Students will examine curricular materials that develop function concepts in Grades K-8.

2. A listing of the proposed change giving the old title and number and the new title and number.

Old title and number:
MA 420 Pre-Calculus Mathematics I

New title and number:
MA 420 Patterns and Functions for Elementary and Middle School Teachers

3. Justification/rationale for the change.

The current title, Pre-Calculus Mathematics I, sounds as if we were preparing students for calculus. In reality, this course is an end in itself. We believe the new title is more descriptive of the content, which examines the patterns within the functions of mathematics.

Part III. Letters of Support

No other departments are affected by this change.