

CATALOG YEAR 2006-2007

(Please use separate form for each add/change)

COLLEGE/SCHOOL : _____Arts and Sciences_____

Current Catalog Page(s) Affected _____p. 302_____

Course: Add: _____ Delete: _____
(check all that apply) Change: X Number _____ Title _____ SCH _____
Description X Prerequisite _____

If new, provide Course Prefix, Number, Title, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current catalog, copy and paste the text from the and indicate changes in red.

MATH 5320 *Complex Variables I*. Three semester hours.

This is **the first** course on functions of one complex variable. It begins with the complex number system and treats topics such as power series, analytic functions, Mobius transformations, complex integrations, residue calculus, singularities, and Schwarz's Lemma. Prerequisites: Graduate standing and permission of instructor.

Justification: Change reflects the topics taught in this course.

Program: Add: _____ Change: _____ Attach new/changed Program of Study description and 4-year plan. If in current catalog, copy and paste the text from the and indicate changes in red.

Minor: Add: _____ Delete: _____ Change: _____ Attach new/changed minor.
If in current catalog, copy and paste the text from the and indicate changes in red.

Faculty: Add: _____ Delete: _____ Change: _____ Attach new/changed faculty entry.
If in current catalog, copy and paste the text from the and indicate changes in red.

College Introductory Pages: Add information: _____ Change information: _____
Attach new/changed information. If in current catalog, copy and paste the text from the and indicate changes in red.

Approvals:	Signature	Date
Chair Department Curriculum Committee	_____	_____
Chair Department	_____	_____
Chair College Curriculum Committee	_____	_____
Dean	_____	_____