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 __X__ SCH _____
                                           Description _X___ Prerequisite __X__

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 5304 *Number Theory II.* Three semester hours.
Topics include: Artin reciprocity law, topics from field theory; modular functions and elliptic
curves, Diophantine equations, distribution of prime numbers, computational applications of
algebraic curves over finite fields such as elliptic curve cryptography and coding. Prerequisite:
Graduate standing and permission of instructor.

Justification: Changes reflect 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   _____   _____