Catalog Year 2011-2012

College/School: COAS

Current Catalog Page(s) Affected on line

Course: Add: _____ Delete: _____
(choose all that apply) Change: Number _____ Title _____ SCH _____
Description _____ 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 catalog and indicate changes in red.

Justification: To make the prerequisite more specific for MATH 5303.

MATH 5303 Number Theory I. Three semester hours.

This first course in number theory introduces algebraic number theory as well as the analytic methods. Topics include: Number fields, algebraic integers, ideals and units, ideal class groups, ramification theory, quadratic and cyclotomic fields, zeta-functions and L-series. Prerequisite: knowledge equivalent to MATH 3310, recommended MATH 4305 Graduate standing and permission of instructor.

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

Approvals:

Signature Date
Chair ________________________________ ____________
Department Curriculum Committee

Chair ________________________________ ____________
Department

Chair ________________________________ ____________
College Curriculum Committee

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