CATALOG YEAR 2011-2012

COLLEGE/SCHOOL :   COAS

Current Catalog Page(s) Affected   on line

Course: Add: _____   Delete: _____

(check all that apply)   Change: Number ____ Title_____ SCH _____
                                             Description _____ 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 catalog and indicate changes in red.

Justification: To make the prerequisite more specific for MATH 5312.

MATH 5312 Functional Analysis I. Three semester hours.

This is the first course in Functional Analysis. Topics include: Topological vector spaces, Banach spaces, the open mapping and closed graph theorems, the Hahn-Banach theorem, duality and weak topologies. Prerequisite: MATH 5305, and knowledge equivalent to MATH 3310 ~~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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