

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 5305.

MATH 5305 Real Analysis I. Three semester hours.

This is a course on Lebesgue measure and integration. The classical L_p spaces will be defined and basic results established, such as the Holder and Minkowski inequalities and completeness of the spaces. Prerequisite: **knowledge equivalent to MATH 3310, and MATH 4335 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	_____	_____
Dean	_____	_____