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 5340.

MATH 5340 Differential Geometry. Three semester hours.

This course is an introduction to the differential geometry of n-dimensional manifolds. Topics include: Riemannian manifolds, differential forms and Stokes Theorem. (Note that differential geometry is relevant to differential equations, mathematical physics, as well as other areas of sciences.) Prerequisite: MATH 5365 and knowledge equivalent to MATH 2415, 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

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