

**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 5331.

MATH 5331 Abstract Algebra II. Three semester hours.

Topics include modules, finite fields, Fundamental Theorem of Field Theory, algebraic extensions, the classification of finite fields, Fundamental Theorem of Galois Theory, and the cyclotomic extension. Prerequisite: **MATH 5330** ~~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	_____	_____
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Chair College Curriculum Committee	_____	_____
Dean	_____	_____