



**CATALOG YEAR 2006-2008**  
**(Please use separate form for each add/change)**

COLLEGE: Arts and Sciences

Current Catalog Page(s) Affected p. 315

**Course: MATH 4305** Add:      Delete:      Change: Number      Title       
 (check all that apply) SCH      Description X Prerequisite     

If new, provide Course Prefix, Number, Title, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current catalog, provide change and attach page with changes in red and provide a brief justification.

**MATH 4305** *Number Theory*. Three semester hours. (FL)  
 Divisibility, congruence, power residues, quadratic reciprocity, Diophantine equations, Euler's function, Fermat's theorem, primitive roots, Legendre and Jacobi symbols. Prerequisites: MATH 3365 and MATH 3310. ~~May be taken for graduate credit.~~

**Justification:** Graduate students will learn these contents in MATH 5303.

**Program:** Add:      Change:      Attach new/changed Program of Study description and 4-year plan. If in current catalog, provide change and attach page with changes in red.

**Minor:** Add:      Delete:      Change:      Attach new/changed minor. If in current catalog, provide change and attach page with changes in red.

**Faculty:** Add:      Delete:      Change:      Attach new/changed faculty entry. If in current catalog, provide change and attach page with changes in red.

**College Introductory Pages:** Add information:      Change information:     . Attach new/changed information. If in current catalog, provide change and attach page with changes in red.

Approvals:	Signature	Date
Chair Department Curriculum Committee	_____	_____
Chair Department	_____	_____
Chair College Curriculum Committee	_____	_____
Dean	_____	_____