

CATALOG YEAR 2006-2007  
(Please use separate form for each add/change)

COLLEGE/SCHOOL : \_\_\_\_\_ College of Arts & Sciences \_\_\_\_\_

Current Catalog Page(s) Affected \_\_\_\_\_ pg. 260 \_\_\_\_\_

**Course:** Add: \_\_\_\_\_ Delete: \_\_\_\_\_  
(check all that apply) Change:  Number \_\_\_\_\_ Title  SCH \_\_\_\_\_  
Description  Prerequisite \_\_\_\_\_

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 \_\_\_\_\_ and indicate changes in red.

**BIOL 4409 Molecular Systems Biology and Chemical Genetics.** Four semester hours. **A course dedicated to the discussion of current approaches to study “Omics” or systems biology, and the impact of chemical genetics in understanding how to activate or inactivate gene products as a way to determine the cellular function of proteins. Molecular Systems Biology and Chemical Genetics covers topics at the molecular level, including research in the evolving areas of genomics, proteomics, metabolomics, bioinformatics, microbial systems, and the integration of cell signaling and regulatory networks.** Prerequisite: Permission of instructor. Lab fee: \$30.00. (Cross-listed with CHEM 4409 and BIOL 5409)

Justification: Update both name and content of course to reflect current trends in modern biology and chemistry

**Program:** Add: \_\_\_\_\_ Change: \_\_\_\_\_ Attach new/changed Program of Study description and 4-year plan. If in current catalog, copy and paste the text from the \_\_\_\_\_ and indicate changes in red.

**Minor:** Add: \_\_\_\_\_ Delete: \_\_\_\_\_ Change: \_\_\_\_\_ Attach new/changed minor. If in current catalog, copy and paste the text from the \_\_\_\_\_ and indicate changes in red.

**Faculty:** Add: \_\_\_\_\_ Delete: \_\_\_\_\_ Change: \_\_\_\_\_ Attach new/changed faculty entry. If in current catalog, copy and paste the text from the \_\_\_\_\_ and indicate changes in red.

**College Introductory Pages:** Add information: \_\_\_\_\_ Change information: \_\_\_\_\_ Attach new/changed information. If in current catalog, copy and paste the text from the \_\_\_\_\_ and indicate changes in red.

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

Chair  
College Curriculum Committee

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