

# **Course Approval Form**

For approval of new courses and deletions or modifications to an existing course.

registrar.gmu.edu/facultystaff/curriculum

Action Requested: Create new course Modify existing course (check all Title Credits Prereq/coreq Other:	Repeat Status	Course Level: Undergradua X Graduate	te
College/School: COS   Submitted by: G. L. R. WEAT	HERSPOON	Department:     CHEMISTRY & BIOCHEM       Ext:     3-1456     Email:     grobe	/ISTRY ert1@gmu.edu
Subject Code:   CHEM   Number:   513   Effective Term:   Fall     (Do not list multiple codes or numbers.   Each course proposal must have a separate form.)   Spring   Year   2015			
Title: Current Synthetic and Me Banner (30 characters max inc New	echanistic Organic Chemistry Iuding spaces)		
Credits: Fixed (check one) Variable to	Repeat Status: (check one)	Not Repeatable (NR)       Repeatable within degree (RD)       Maximum       Repeatable within term (RT)	credits
Grade Mode: Regular (A, B, C, (check one) Special (A, B C, e) Special (A, B C, e)	Credit (check one)	Lab (LAB) Seminar	
Prerequisite(s): Grade of 'C' or better in CHEM 314 318, and CHEM 331	Corequisite(s): 4, CHEM	Hybrid: ≤	nal Mode: ce-to-face 50% electronically delivered actronically delivered
Restrictions Enforced by System: Major, College, Degree, Program, etc. Include Code.   Are there equivalent course(s)?     "C" or better grade in CHEM 314, CHEM 318, CHEM 331   Image: Specific content of the system of the s			
Catalog Copy for NEW Courses Only (Consult University Catalog for models)			
Description (No more than 60 words,	use verb phrases and present ter	Ise) Notes (List additional information for the o	course)
Indicate number of contact hours: When Offered: (check all that apply)	Hours of Lecture or Sem	inar per week: Hours of Lab or Spring	Studio:
Approval Signatures			
	9/18/2014		
Department Approval     Date     College/School Approval     Date			
If this course includes subject matter currently dealt with by any other units, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.			
Unit Name	Unit Approval Name	Unit Approver's Signature	Date
For Graduate Courses Only			
	· <i>y</i>		

Graduate Council Member

Provost Office

Graduate Council Approval Date

## Course Proposal Submitted to the Curriculum Committee of the College of Science

1. COURSE NUMBER AND TITLE: CHEM 513 Synthetic and Mechanistic Organic Chemistry

<u>Course Prerequisites</u>: Grade of 'C' or better in CHEM 314, CHEM 318, and CHEM 331 Updates: Removed CHEM 313, added CHEM 318 & 331, and specifying grade of 'C'.

### **Catalog Description**:

General review of synthetic pathways and applications to new topics, emphasizing fused ring aromatics, heterocyclics, natural products, and biologically active compounds. Includes relationship of applied organic chemistry to consumer products, including drugs and agricultural chemicals. Organic core course.

#### 2. COURSE JUSTIFICATION:

Course Objectives:

Course Necessity:

Course Relationship to Existing Programs:

### **Course Relationship to Existing Courses:**

3. <u>APPROVAL HISTORY</u>: Approved by the department chair September 18, 2014

### 4. SCHEDULING AND PROPOSED INSTRUCTORS:

### Semester of Initial Offering:

Proposed Instructors:

### 5. TENTATIVE SYLLABUS: