

Course Approval Form

For instructions:

http://registrar.gmu.edu/facultystaff/catalog-revisions/course/

Action Requested: (definitions available at website above) Create NEW Inactivate		Course Level: x Undergraduate Graduate		
x Modify (check all that apply below			x Underg	raduale Graduale
Title (must be 75% similar to original) Credits	Repeat Status Schedule Type	Prereq/coreq Gra Restrictions Oth	de Mode er:	
College/School: COS		Department: Chemis	stry & Biochemistry	1
Submitted by: S. W. Slayder	1	Ext: 3-1071	Email: sslay	den@gmu.edu
Subject Code: CHEM N (Do not list multiple codes or numbers. Each have a separate form.)		Effective Term: X Fall Spri Sun		2017
Title: Current		Fulfills	Mason Core Req?	(undergrad only)
			rrently fulfills requirement	
New		Subi	mission in progress	
Credits: Fixed → Variable → Lec + Lab/Rct→	to (check one)	Repeatable with	e (NR) hin degree (RD) → hin term (RT) →	Max credits allowed: (required for RT/RD status only)
Grade Mode: Regular (A, B, C (check one) Satisfactory/No		Lecture (LEC) Lab (LAB)	Independ Seminar	dent Study (IND) (SFM)
Special (A, B C,	` · · · · · · ·	Recitation (RC	Γ) Studio (S	` ,
		Internship (INT))	
Prerequisite(s)(NOTE: hard-coding requires se	eparate Prereq Checking form; see above website)		requisite(s):	
CHEM 455		CH	IEM 490	
Restrictions Enforced by Syste	m: Major, College, Degree, Pro	ogram, etc. Include Code(s). Equivalenc	ies (check only as applicable):
Grade of "C" or better in CHEM 455. CHEM 490 corequisite.			YES, course is 100% equivalent to YES, course renumbered to or replaces	
Catalog Copy (Consult University	· ,	>	Nietes /I lates dell'illeres	Pataman Can the accuracy
Description (No more than 60 words	, use verb phrases and present ten	se)	Notes (List additional information for the course)	
Indicate number of contact hours:	Hours of Lecture or Semi	inar per week:	Hours of Lab or	Studio:
When Offered: (check all that apply)	Fall Summer	Spring		
Annuaral Cimentum				
Approval Signatures	4.0.0047			
Department Approval	4-6-2017 Date	College/School Approval		 Date
If this course includes subject matt			partment must circulat	
those units and obtain the necessary	signatures prior to submission. Fail			- Inc proposal for forlow by
Unit Name	Unit Approval Name	Unit Approver's Signat	ture	Date
Undergraduate or Gradu	ata Cauncil Approval			
Undergraduate or Gradu	ate councii Approvai			
UGC or GC Council Member	Provost's Office		UGC or GC A	pproval Date

Course Proposal Submitted to the College of Science Curriculum Committee (COSCC)

The form above is processed by the Office of the University Registrar. This second page is for the COSCC's reference.

Please complete the applicable portions of this page to clearly communicate what the form above is requesting.

FOR ALL COURSES (required)

Course Number and Title: CHEM 456 Honors Research in Chemistry

Date of Departmental Approval: 4/6/17

FOR INACTIVATED/REINSTATED COURSES (required if inactivating/reinstating a course)

Reason for Inactivating/Reinstating:

FOR MODIFIED COURSES (required if modifying a course)

- Summary of the Modification:
- Delete "Recommended Prerequisite: B+ or higher in CHEM 455
- Delete B+ Requires minimum grade of B+.
- Text before Modification (title, repeat status, catalog description, etc.):

CHEM 456: Honors Research in Chemistry. 3 credits.

Introduction to research on current problem in chemical sciences under supervision of faculty advisor. Includes literature search, laboratory or theoretical work, conferences with faculty advisor, attendance at regularly scheduled seminars, and oral and written presentations. Notes: Credit will not be given for both these courses and CHEM 451, 452. Offered by Chemistry. May not be repeated for credit.

Recommended Prerequisite: B+ or higher in <u>CHEM 455</u>.

Registration Restrictions:

Required Prerequisite: CHEM 455^{B+}. Requires minimum grade of B+.

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• Text after Modification (title, repeat status, catalog description, etc.):

CHEM 456: *Honors Research in Chemistry.* 3 credits.

Introduction to research on current problem in chemical sciences under supervision of faculty advisor. Includes literature search, laboratory or theoretical work, conferences with faculty advisor, attendance at regularly scheduled seminars, and oral and written presentations. Notes: Credit will not be given for both these courses and CHEM 451, 452. Offered by Chemistry. May not be repeated for credit.

Registration Restrictions:

Required Prerequisite: CHEM 455. Required Corequisite: CHEM 490

• Reason for the Modification:

It is not known how the "B+" requirement entered the catalog. The department did not approve it. The department wants the pre-requisite removed since it is not necessary.

The Honors Research has always required a co-requisite of CHEM 490 (Seminar). However, students and faculty sometimes are unaware of this. By including it as a co-requisite, registering for it concurrently will not be overlooked.