

# **Course Approval Form**

### For instructions:

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

Action Requested: (definitions available at website above)  Create NEW Inactivate  x Modify (check all that apply below)	Course Level:  x Undergraduate Graduate
Title (must be 75% similar to original) Repeat Status Credits Schedule Type	X   Prereq/coreq   Grade Mode   Restrictions   Other:
College/School: COS Submitted by: S. W. Slayden	Department:       Chemistry & Biochemistry         Ext:       3-1071       Email:       sslayden@gmu.edu
Subject Code: CHEM Number: 331  (Do not list multiple codes or numbers. Each course proposal must have a separate form.)	Effective Term: X Fall Spring Year 2017 Summer
Title: Current  Banner (30 characters max w/ spaces)  New	Fulfills Mason Core Req? (undergrad only)  Currently fulfills requirement Submission in progress
	tus:  Not Repeatable (NR)  Repeatable within degree (RD) → Max credits allowed:  Repeatable within term (RT) → (required for RT/RD status only)
Grade Mode: (check one)  Regular (A, B, C, etc.) Satisfactory/No Credit Special (A, B C, etc. +IP)  Schedule T (check one) LEC can include LAB linked sections will be	Lab (LAB) Seminar (SEM)
Prerequisite(s)(NOTE: hard-coding requires separate Prereq Checking form; see above website):	Corequisite(s):
CHEM 211, CHEM 213, CHEM 214, MATH 114 or MATH 116; PHYS 243 or PHYS 160	
Restrictions Enforced by System: Major, College, Degree, P	rogram, etc. Include Code(s). Equivalencies (check only as applicable):
"C" grade or better in CHEM 211 and CHEM 213 and CHEM 212 and CHEM 214 or transfer equivalencies for CHEM 211 and CHEM 213 and CHEM 212 and CHEM 214; and MATH 114 or MATH 116; and PHYS 243 (concurrent enrollment permitted) or PHYS 160 (concurrent enrollment permitted).	
Catalog Copy (Consult University Catalog for models)  Description (No more than 60 words, use verb phrases and present te	nse) Notes (List additional information for the course)
<b>Description</b> (No more than 60 words, use verb phrases and present te	Repeat status: N=2
Indicate number of contact hours: Hours of Lecture or Ser When Offered: (check all that apply) Fall Summer	ninar per week: Hours of Lab or Studio: Spring
THE OTHER COLLECT ALL MALE APPLY)	Opining
Approval Signatures	
Department Approval Date 4/16/17	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
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Undergraduate or Graduate Council Approval	

## **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 331 Physical Chemistry I

Date of Departmental Approval: 4-12-16

## 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: Change pre-requisites; change in repeat status
- Text before Modification (title, repeat status, catalog description, etc.): CHEM 211, CHEM 212, MATH 114, PHYS 243 or PHYS 160
- Text after Modification (title, repeat status, catalog description, etc.): CHEM 211, CHEM 213, CHEM 212, CHEM 214, MATH 114 or MATH 116, PHYS 243 or PHYS 160
- Repeat status: N=2
- Reason for the Modification: the old 211, 212 (lecture + lab) are now split into 211, 213, 212, 214 separate lecture and labs. Many students take Honors Math Calculus II (MATH 116) which is equivalent to MATH 114.

#### FOR NEW COURSES (required if creating a new course)

- Reason for the New Course:
- Relationship to Existing Programs:
- Relationship to Existing Courses:
- Semester of Initial Offering:
- Proposed Instructors:
- Insert Tentative Syllabus Below