

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
- Inactivate existing course
- Modify existing course

Course Level: Undergraduate

College/School: COS
Submitted by: Suzanne Slayden
Ext: 3-1071
Email: sslayden@gmu.edu

Subject Code: CHEM Number: 332
Effective Term: Summer

Title: PHYSICAL CHEMISTRY-II
Banner (30 characters max including spaces)
New

Credits: (check one) Variable or Repeat Status: (check one)
Grade Mode: (check one) Regular (A, B, C, etc.) Satisfactory/No Credit Special (A, B C, etc. +IP)

Schedule Type: (check one) Lecture (LEC) Lab (LAB) Recitation (RCT) Internship (INT)
Prerequisite(s): PHYS 243 or PHYS 160

Restrictions Enforced by System: Major, College, Degree, Program, etc. Include Code.
"C" grade or better in PHYS 243 or PHYS 160

Catalog Copy for NEW Courses Only (Consult University Catalog for models)
Description (No more than 60 words, use verb phrases and present tense)
Notes (List additional information for the course)

Indicate number of contact hours:
When Offered: (check all that apply) Fall Summer Spring

Approval Signatures

11/12/2015
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.

For Graduate Courses Only

Graduate Council Member
Provost Office
Graduate Council Approval Date

For Registrar Office’s Use Only: Banner Catalog revised 11/8/11
Course Proposal Submitted to the Curriculum Committee of the College of Science

1. **COURSE NUMBER AND TITLE:** CHEM 332 Physical Chemistry II

   **Course Prerequisites:** CHEM 331
   Modification: Addition of pre-requisite of PHYS 243 or 160. Co-requisite of PHYS 244 or 260.

   **Catalog Description:**
   Year long survey covering topics including thermodynamics, equilibria, kinetics, solution properties, elementary quantum theory, electrochemistry, atomic and molecular structure, and nuclear chemistry. [Note: the course description is for the two-semester sequence of CHEM 331, 332.]

2. **COURSE JUSTIFICATION:**

   **Course Objectives:**

   **Course Necessity:**

   **Course Relationship to Existing Programs:**

   **Course Relationship to Existing Courses:**

3. **APPROVAL HISTORY:** Approved by the department chair November 12, 2015

4. **SCHEDULING AND PROPOSED INSTRUCTORS:**

   **Semester of Initial Offering:**

   Proposed Instructors:

5. **TENTATIVE SYLLABUS:**