



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 Delete existing course

Modify existing course (check all that apply)

Title General Credits Repeat Status Grade Type

Prereq/coreq Schedule Type Restrictions

Other: _____

Course Level:

Undergraduate

Graduate

College/School: **Department:**

Submitted by: **Ext:** **Email:**

Subject Code: **Number:** **Effective Term:** Fall
 Spring Year
 Summer

(Do not list multiple codes or numbers. Each course proposal must have a separate form.)

Title: Current

Banner (30 characters max including spaces)

New

Credits: (check one) Fixed Variable

Repeat Status: (check one) Not Repeatable (NR)
 Repeatable within degree (RD) Maximum credits allowed:
 Repeatable within term (RT)

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

Schedule Type Code(s): (check all that apply) Lecture (LEC) Independent Study (IND)
 Lab (LAB) Seminar (SEM)
 Recitation (RCT) Studio (STU)
 Internship (INT)

Prerequisite(s):

Corequisite(s):

Instructional Mode:

100% face-to-face
 Hybrid: ≤ 50% electronically delivered
 100% electronically delivered

Special Instructions: (list restrictions for major, college, or degree; hard-coding; etc.)

With CHEM 202, CHEM 204 satisfies general education requirement: Natural science lab for students majoring in science, engineering, or mathematics.
 Credit will not be given for this course and CHEM 101 or 102 to students majoring in science, engineering, or mathematics .

Are there equivalent course(s)?

Yes No
 If yes, please list _____

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)
Second semester general chemistry laboratory course for students majoring in science, engineering, or mathematics. Laboratory experience to demonstrate general chemistry principles and applications. With CHEM 202, satisfies General Education Requirement: Natural Science lab.	A 1-credit second-semester General Chemistry lab for students who have received transfer credit for a 3-hour General Chemistry lecture and need a 1-credit lab to complete the 4-hour general chemistry course, and satisfy the General Education natural science requirement. Presently, students who have 3-hours of transfer credit (as CHEM 202, General Chemistry lecture) are required to take CHEM 212 (both lecture and lab) to satisfy the 4-credit hour general chemistry course. Students will enroll in CHEM 212, by Individualized Section, and attend one of the

	CHEM 212 lab sections
Indicate number of contact hours: When Offered: (check all that apply) Hours of Lecture or Seminar per week: <input type="text" value="0"/> Hours of Lab or Studio: <input type="text" value="3"/>	
<input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Summer <input checked="" type="checkbox"/> Spring	

Approval Signatures

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

Graduate Council Member _____ Provost Office _____ Graduate Council Approval Date _____

For Registrar Office's Use Only: Banner _____ Catalog _____ revised 2/2/10

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

1. COURSE NUMBER AND TITLE: CHEM 204, General Chemistry Laboratory II

Course Prerequisites: CHEM 211, CHEM 202

Catalog Description: Second-semester General Chemistry laboratory course for students majoring in science, engineering, or mathematics. Laboratory experience to demonstrate general chemistry principles and applications. With CHEM 202, satisfies General Education Requirement: Natural Science lab.

2. COURSE JUSTIFICATION:

Course Objectives: Laboratory course in general chemistry to enhance scientific experience of students majoring in science, engineering, or mathematics. Principles and application of chemistry. With CHEM 202 CHEM 204 will satisfy the General Education natural science lab requirement.

Course Necessity: Since other institutions often have separate general chemistry lecture and lab courses, students transferring a 3-credit general chemistry lecture to GMU often need a 1-semester general chemistry lab to complete their 4-hour general chemistry requirement. With CHEM 202, CHEM 204 will also satisfy the 4-hour General Education natural science requirement. Students will enroll in CHEM 204, by Individualized Section, and attend one of the existing CHEM 212 lab sections.

Course Relationship to Existing Programs:

Course Relationship to Existing Courses: CHEM 212 lab and CHEM 204 lab are the same

3. APPROVAL HISTORY:

4. SCHEDULING AND PROPOSED INSTRUCTORS:

Semester of Initial Offering: Spring 2011

Proposed Instructors: CHEM 212 laboratory instructors

5. TENTATIVE SYLLABUS: See attached current CHEM 212 Syllabus.

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