



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 Summer

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

Year:

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) Repeatable within term (RT)

Maximum credits allowed:

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) Lab (LAB) Recitation (RCT) Internship (INT)

Independent Study (IND) Seminar (SEM) Studio (STU)

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.)

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)
<p>Introductory laboratory course to demonstrate principles and application of chemistry. Combined with CHEM 101, CHEM 105 satisfies general education requirement: 4-hour natural science lab course for non-science majors.</p> <p>Notes: Not open to students majoring in chemistry. Credit will not be given for both this course and CHEM 211, 212.</p>	<p>A 1-credit Introductory Chemistry lab for students who need a 1-credit lab to complete the 4-hour General Education natural science requirement for non-science majors. Students will enroll in CHEM 105 by Individualized Section and attend one of the CHEM 103 lab sections.</p>
<p>Indicate number of contact hours: _____</p> <p>When Offered: (check all that apply) <input checked="" type="checkbox"/> Fall <input type="checkbox"/> Summer <input type="checkbox"/> Spring</p>	<p>Hours of Lecture or Seminar per week: <input type="text" value="0"/> Hours of Lab or Studio: <input type="text" value="3"/></p>

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 105, Introductory Chemistry Laboratory I

Course Prerequisites: None

Catalog Description: Introductory laboratory course to demonstrate principles and application of chemistry. Combined with CHEM 101, CHEM 105 satisfies general education requirement: 4-hour natural science lab course for non-science majors.

Notes: Not open to students majoring in chemistry. Credit will not be given for both this course and CHEM 211, 212.

2. COURSE JUSTIFICATION:

Course Objectives: Terminal laboratory course in chemistry to enhance scientific experience of nonscience majors. Principles and application of chemistry. With CHEM 101, CHEM 105 will satisfy the General Education natural science lab requirement.

Course Necessity: Since other institutions often have separate introductory lecture and lab courses, students transferring a 3-credit introductory lecture course to GMU often need a 1-semester lab to complete their General Education 4-hour natural science lab requirement. GMU students switching from colleges and degree programs that have a 7-hour natural science lab requirement to one requiring an 8-hour natural science experience also need an extra 1-credit of laboratory experience. CHEM 105 is a 1-credit Introductory Chemistry lab for students who need a 1-credit lab to complete the 4-hour General Education natural science requirement. Non-science majors presently take the 4-credit CHEM 103 course (lecture and lab) to satisfy their General Education natural science lab requirement. Students who enroll in CHEM 105, by Individualized Section, will attend one of the CHEM 103 lab sections.

Course Relationship to Existing Programs:

Course Relationship to Existing Courses: CHEM 105 lab and CHEM 103 lab are the same.

3. APPROVAL HISTORY:

4. SCHEDULING AND PROPOSED INSTRUCTORS:

Semester of Initial Offering: Spring 2011

Proposed Instructors: CHEM 103 laboratory instructors

5. TENTATIVE SYLLABUS: See attached current CHEM 103 Syllabus.