

Course Change Request

Date Submitted: 03/17/25 2:42 pm

Viewing: **CHEM 211 : General Chemistry I**

Last approved: 05/21/24 6:52 am

Last edit: 03/18/25 9:20 am

Changes proposed by: jcallus

Catalog Pages
referencing this
course

[Bioengineering_\(BENG\)](#)

[Biology_\(BIOL\)](#)

Select modification type:

In Workflow

1. **CHEM Chair**
2. **SC Curriculum Committee**
3. SC Assistant Dean
4. Assoc Provost- Undergraduate
5. Registrar-Courses
6. Banner

Approval Path

1. 03/17/25 2:55 pm
Mikell Paige
(mpaige3):
Approved for CHEM
Chair

History

1. Aug 29, 2017 by
pchampan
2. Mar 17, 2018 by
Gerald
Weatherspoon
(grobert1)
3. Jun 12, 2019 by Tory
Sarro (vsarro)
4. May 7, 2020 by Tory
Sarro (vsarro)
5. Sep 9, 2020 by Tory
Sarro (vsarro)
6. Oct 1, 2021 by
Jennifer Bazaz
Gettys (jbazaz)
7. May 21, 2024 by
Tory Sarro (vsarro)

~~Specialized Course Designation~~Substantial**Are you completing this form on someone else's behalf?**

No

Effective Term: Summer 2025**Subject Code:** CHEM - Chemistry**Course Number:** 211**Bundled Courses:****Is this course replacing another course?** No**Equivalent Courses:****Catalog Title:** General Chemistry I**Banner Title:** General Chemistry I**Will section titles
vary by semester?** No**Credits:** 3**Schedule Type:** Lecture**Hours of Lecture or Seminar per
week:** 3**Repeatable:** May be only taken once for credit, limited to 3
attempts (N3)**Max Allowable
Credits:**
9**Default Grade
Mode:** Undergraduate Regular**Recommended
Prerequisite(s):****Recommended
Corequisite(s):**CHEM 213**Required
Prerequisite(s) /
Corequisite(s)
(Updates only):**None**Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):**

And/Or	(Course/Test Code	Min Grade/Score	Academic Level)	Concurrency?
		CHEM 213	C	UG		Yes
Or		CHEM U213	T	UG		Yes
Or		CHEM 213T	T	UG		Yes
Or		CHEM 213	XS	UG		

**Registration
Restrictions
(Updates only):**

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Level(s):

Degree(s):

School(s):

Catalog

Description:

Fundamental principles of atomic and molecular structure; chemical bonding; basic concepts of chemical reactions and thermochemistry; properties of gases, liquids, and solids. Notes: CHEM 211 must be taken concurrently with CHEM 213 on the first attempt. Credit will not be given for this course and CHEM 103, 104. Students majoring in science, engineering, or mathematics should choose this course sequence. CHEM 211 is a prerequisite to CHEM 212.

Justification:

What: We are removing CHEM 213 as a co-requisite.

Why: The rationale for this is to:

- 1) allow students to enroll in lecture even if labs are at capacity
- 2) allow students to waitlist for lecture and/or lab sections
- 3) let students drop lab without having to drop lecture
- 4) reduce problems with registration

Does this course cover material which crosses into another department? No

Learning Outcomes:

Will this course be scheduled as a cross-level cross listed section?

Attach Syllabus

Additional Attachments

Specialized Course

Categories:

Mason Core

Select the Mason Core Requirement the course is proposing to fulfill:

Foundation

Courses:

Exploration

Courses:

Natural Sciences Non-Lab

Exploration

Courses:

Integration

Courses:

Natural Sciences Non-Lab

Courses must meet the following learning outcomes:

1. Understand how scientific inquiry is based on investigation of evidence from the natural world, and that scientific knowledge and understanding: a) evolves based on new evidence, and b) differs from personal and cultural beliefs.
2. Recognize the scope and limits of science.
3. Recognize and articulate the relationship between the natural sciences and society and the application of science to societal challenges (e.g., health, conservation, sustainability, energy, natural disasters, etc.).
4. Evaluate scientific information (e.g., distinguish primary and secondary sources, assess credibility and validity of information).

I affirm that I have attached the following using the syllabus and attachment buttons provided above: (see “?” for help with submission)

Syllabus

Completed proposal worksheet

Assignments (if needed)

Have you reached out to the Libraries to determine whether there are adequate resources to support your course? If not, please email Meg Meiman, Associate University Librarian for Learning, Research, and Engagement at mmeiman2@gmu.edu.

**Additional
Comments:**

~~Correcting the designation on this course - it is the lecture component of a nat sci pairing (with 213) and should carry the non-lab designation not the lab designation. CHEM 213 carries the lab designation which will pull into the student record when they have taken both courses in the pair.~~

**Reviewer
Comments**

Key: 2211