

Course Change Request

Date Submitted: 01/25/18 1:36 pm

Viewing: **CHEM 213 : General Chemistry Laboratory I**

Transfer Course(s): CHEM U213

Last approved: 08/29/17 4:17 am

Last edit: 01/25/18 1:36 pm

Changes proposed by: grobert1

Catalog Pages
referencing this
course

[Biology \(BIOL\)](#)
[Chemistry \(CHEM\)](#)
[Department of Biology](#)
[Department of Chemistry and Biochemistry](#)
[Department of Environmental Science and Policy](#)

Select modification type:

~~Specialized Course Designation~~
Simple

Are you completing this form on someone else's behalf?

No

Requestor:

Effective Term: Summer 2018

Subject Code: CHEM - Chemistry

Course Number: 213

Bundled Courses:

Equivalent Courses: CHEM 203 - General Chemistry Laboratory I

Catalog Title: General Chemistry Laboratory I

Banner Title: General Chemistry Laboratory I

Language of
Instruction:

Will section titles
vary by semester? No

Is this a physical
activity course?

Credits: 1

Schedule Type: Laboratory

Hours of Lecture or Seminar per
week:

Hours of Lab or Studio per week: 1

Hours of Other Contact Hours per
week:

Repeatable: May ~~only~~ be **only** taken once for credit,
limited to **3** ~~2~~ attempts (**N3**) (~~N2~~)

Max Allowable
Credits: **3** ~~2~~

Default Grade
Mode: Undergraduate Regular

In Workflow

- CHEM Chair**
- SC Curriculum Committee**
- SC Associate Dean
- Assoc Provost-Undergraduate
- Registrar-Courses
- Banner

Approval Path

- 01/25/18 2:30 pm
Gerald
Weatherspoon
(grobert1):
Approved for CHEM
Chair

History

- Aug 29, 2017 by
Priyanka
Champaneri
(pchampan)

**Recommended
Prerequisite(s):**
**Recommended
Corequisite(s):**

**Required
Prerequisite(s) /
Corequisite(s)
(Updates only):**

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

And/Or	(Course/Test Code	Min Grade/Score	Academic Level)	Concurrency?
		CHEM 211	C	UG		Yes
Or		CHEM U211	T	UG		Yes
Or		CHEM 211T	T	UG		Yes

**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:** General Chemistry laboratory course for students majoring in science, engineering, or mathematics. Laboratory experience will demonstrate general chemistry principles and applications. Notes: Students majoring in science, engineering, or mathematics should choose this course sequence. Credit will not be given for this course and CHEM 103.

Justification: **Correction for number of attempts student can self enroll without intervention.**
Changing value to N=3, which matches departmental intention instead of the previous N=2 value.

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

**Impacted
Departments:**

Learning Outcomes:

**Attach Syllabus
(PDFs only)**

**Additional
Attachments (PDFs
only)**

Course Objectives:

**Anticipated
Audience and
Enrollment:**

Offering Frequency:

Relationship to
Current Offerings
Within

Relationship to
Current Offerings
Outside
Department:

Relationship to
Programs:

Relationship to
Existing Programs:

Relationship to
Existing Courses:

Specialized Course Categories: Mason Core

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

Foundation
Courses:

Exploration Courses: Natural Sciences w/Lab

Integration
Courses:

Application for RS Designation

Select the requested Research/Scholarship designation:

Discovery of Scholarship (RD)

Select at least one additional SaS learning outcomes which the course meets:

Scholarly Inquiry (RI)

Select any additional SaS learning outcomes which the course meets:

Research Associated (RA)

Select the RS course which your proposed RA course will be associated with:

Research/Scholarship Intensive (RS)

Course must meet at least one of the below methods outcomes:

Select any additional SaS learning outcomes which the course meets:

Describe how the course meets the required student learning outcomes and the selected methods outcome(s):

How will the course be supported by the appropriate subject area librarian?

Attach Curriculum
Map (PDFs only)

Please affirm the following:

List Responsible
Faculty Members:

The department has or will have an undergraduate research student learning outcome and will use the data from this course in Academic Program Review.

Green Leaf Course Designation

The proposed
course is
requesting (choose
one):

Below, include a brief statement regarding how this course meets either the “sustainability focused” or “sustainably related” criteria.

Sustainability-focused courses provide valuable grounding in the concepts and principles of sustainability. These courses educate students about how different dimensions of sustainability relate to and support each other in theory and practice. In addition, these courses help equip students with the skills to weave together disparate components of sustainability in addressing complex issues.

Sustainability-related courses help build knowledge about a component of sustainability or introduce students to sustainability concepts during part of the course. They may complement sustainability-focused courses by providing students with in-depth knowledge of a particular aspect or dimension of sustainability (such as the natural environment) or by providing a focus area (such as renewable energy) for a student’s sustainability studies, or they may broaden students’ understanding of sustainability from within different disciplines.

Attach Syllabus
(PDFs only)

Arts

Course must meet the first learning outcome:

Course must meet a minimum of two of the remaining four learning outcomes:

Describe the overall rationale for designating this course as Arts Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Global Understanding

Course must address a minimum of three of the following learning outcomes:

Describe the overall rationale for designating this course as Global Understanding Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Information Technology with Ethics

Course must meet the following learning outcomes:

Describe the overall rationale for designating this course as Information Technology with Ethics Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Information Technology

Course must meet the following learning outcomes:

Course must meet one additional learning outcome:

Describe the overall rationale for designating this course as Information Technology Only Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Ethics

Course must meet the following learning outcomes:

Describe the overall rationale for designating this course as Ethics Only Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Literature

Course must meet at least three of the learning outcomes:

Describe the overall rationale for designating this course as Literature Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Natural Sciences with Lab

Course 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).
5. Participate in scientific inquiry and communicate the elements of the process, including: a) making careful and systematic observations, b) developing and testing a hypothesis, c) analyzing evidence, and d) Interpreting results.

Describe the overall rationale for designating this course as Natural Sciences with Lab Mason Core.

previously approved

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

previously approved

Natural Sciences Non-Lab

Courses must meet the following learning outcomes:

Describe the overall rationale for designating this course as Natural Sciences Non-Lab Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Oral Communication

Course must address all of the following learning outcomes:

Describe the overall rationale for designating this course as Oral Communication Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Quantitative Reasoning

Course must address all of the following learning outcomes:

Describe the overall rationale for designating this course as Quantitative Reasoning Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Social and Behavioral Sciences

Course must meet all three learning outcomes:

Describe the overall rationale for designating this course as Social and Behavioral Sciences Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Capstone

Explain how the course meets the expectations that the capstone experience consolidates the knowledge and understanding gained in the student's major, degree, and Mason Core Courses.

Synthesis

Course must meet learning outcomes 1 and 2:

Course must meet one additional learning outcome:

Describe the overall rationale for designating this course as Synthesis Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Western Civilization/World History

Course must meet at least three of the following learning outcomes:

Describe the overall rationale for designating this course as Western Civilization/World History Mason Core.

For each learning outcome, what assignments or activities will you give that allow students to demonstrate their competence on each outcome? Please confirm these are reflected in the attached syllabus or uploaded as additional documents as needed.

Additional
Comments:

administrative changes in prep for CIM launch

Reviewer
Comments