

**Course:** CHM 108      **Course Title:** Chemistry for the Citizen Lab  
**Credit Hours:** 1      **Department:** Chemistry & Biochemistry  
**Prerequisite:** "C-" grade or better in CHM 107 or concurrent enrollment.

**CORE-42 Category:** NATURAL SCIENCES - Chemistry: Essentials in Chemistry with Lab  
**MOTR CHEM 100L      MOTR Hours:** 4

*When combined with CHM 107. The difference in credit hours and MOTR hours counts into the MOTR elective hours to reach 42 MOTR hours*

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*Information submitted by a department representative on 5/31/2021 12:33:48 PM – Compiled by Darren Wienberg, Academic Advising & Transfer Center*

**Typically Offered During:**

|                       |     |                               |    |                               |     |
|-----------------------|-----|-------------------------------|----|-------------------------------|-----|
| Fall Full Semester:   | YES | Fall 1 <sup>st</sup> Block:   | NO | Fall 2 <sup>nd</sup> Block:   | NO  |
| Spring Full Semester: | YES | Spring 1 <sup>st</sup> Block: | NO | Spring 2 <sup>nd</sup> Block: | YES |
| Summer:               | NO  |                               |    |                               |     |

**Typical Instructional Modality:**

|                       |     |                 |    |           |    |
|-----------------------|-----|-----------------|----|-----------|----|
| Traditional (seated): | YES | Blended:        | NO | Internet: | NO |
| Online Video:         | NO  | Web Conference: | NO |           |    |

**May Also Count Toward Department Offering:**

|        |    |        |    |              |    |
|--------|----|--------|----|--------------|----|
| Major: | NO | Minor: | NO | Certificate: | NO |
|--------|----|--------|----|--------------|----|

*Please see online published semester class schedule and undergraduate catalog for detailed course offering information.*

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***How do you describe the course to students when they ask “What is this class about?” (Without using the catalog description)?***

This is the lab class that accompanies CHM 107, and it provides hands-on lab exercises that help illustrate lecture topics. Students will learn basic techniques of making measurements and chemical and physical transformations, along with safe laboratory practices. If you are enrolling in CHM 107, it is best to sign up for CHM 108 at the same time!

***Beyond meeting a General Education requirement, what benefits can students realize from choosing this course?***

Chemicals, when handled and stored properly, are safe to humans and the environment. This class also helps students developing a proper appreciation of the term “chemicals” that sometimes has negative connotations among the general public. Additionally, CHM108 provide an opportunity to develop skills for critical evaluation of scientific data and appreciation on how data is collected by chemists.

***Other than your major/minor/certificate students, what groups of students could find this course relevant to their degree program or career path?***

Any non-science majors and science majors in disciplines that do not routinely discuss concepts of chemistry. CHM108 helps developing problem-solving skills that are applicable to essentially everyone’s professional career and everyday life.

***Catalog Description (Fall 2022 Undergraduate Catalog)***

A one semester course for the non-science major. Principal concepts and applications of chemistry are presented. Emphasis on experiments and lab skills associated with the lecture material in CHM 107.