

**Course:** CHM 161      **Course Title:** General Chemistry I Lab  
**Credit Hours:** 1      **Department:** Chemistry & Biochemistry  
**Prerequisite:** CHM 160 or concurrent enrollment.  
*May also receive credit for this course through Advanced Placement*

**General Education Area:**  
NATURAL WORLD - Physical Sciences (*GEC 108 (w/lab) / GEC 109 (no lab)*)

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*Information submitted by a department representative on 5/31/2021 12:55:59 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:	NO
Summer:	YES				

**Typical Instructional Modality:**

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

**May Also Count Toward Department Offering:**

Major:	YES	Minor:	YES	Certificate:	YES
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*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 160, and it provides hands-on lab exercises that help illustrate lecture topics. If you are enrolling in CHM 160, it is best to sign up for CHM 161 at the same time!

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

Lab skills developed in CHM 161 are applicable to other fields. Also, CHM 161 is a prerequisite for some courses required for other majors, so taking CHM 161 early on prepares the student to take those later courses.

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

The CHM 161 (along with other CHM courses) introduce knowledge and skills required for many other fields, ranging from the physical and biological / biomedical sciences to many of the health science.

It is also pre-requisites for many healthcare-related professional schools including medical schools, pharmacy schools, dentistry schools, and optometry schools.

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

An introduction to laboratory chemistry employing principles and techniques that reflect material presented in CHM 160, e.g., synthesis, stoichiometry, physical studies, and data manipulation and interpretation. A grade of "C-" or better is required in this course in order to take CHM 171. Cannot be taken Pass/Not Pass.