

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

CORE-42 Category: NATURAL SCIENCES - Chemistry: Chemistry I with Lab
MOTR CHEM 150L MOTR Hours: 4

When combined with CHM 160. The difference in credit hours and MOTR hours counts into the MOTR elective hours to reach 42 MOTR hours

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 st Block:	NO	Fall 2 nd Block:	NO
Spring Full Semester:	YES	Spring 1 st Block:	NO	Spring 2 nd 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.

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.