Welcome! We're glad you're here!

On this journey toward your major degree, we begin with a set of courses designed to provide you with multiple opportunities to build robust foundational knowledge and skills in chemistry.

With such knowledge and skills, you should be prepared to further excel in upper-level coursework that specializes your work in the specific major you have chosen.

LUC Chemistry is taking a modern, integrated approach to foundational coursework

Aligns with the latest American Chemical Society (ACS) and American Association of Medical Colleges (AAMC) standards & guidelines

Themes: structure-activity relationships; culture and practice of science; energy; polymers, proteins, and macromolecules; sustainability; chemical synthesis, purification, characterization, and analysis

Chemistry Curriculum Overview

DEPARTMENT OF CHEMISTRY & BIOCHEMISTRY

FOUNDATIONAL CHEM CURRICULUM

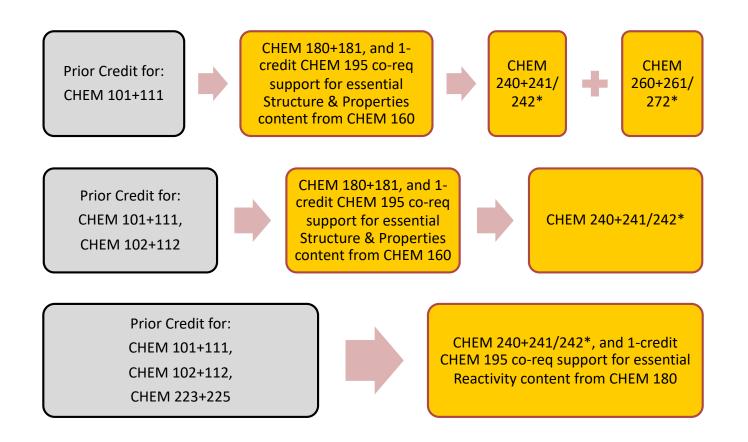
An integrated approach to teaching the core ideas and practices in Chemistry

All first-year students will begin the Chemistry sequence in the updated curriculum with CHEM 160+161 (replacing CHEM 101+111).

Why did we make the changes?

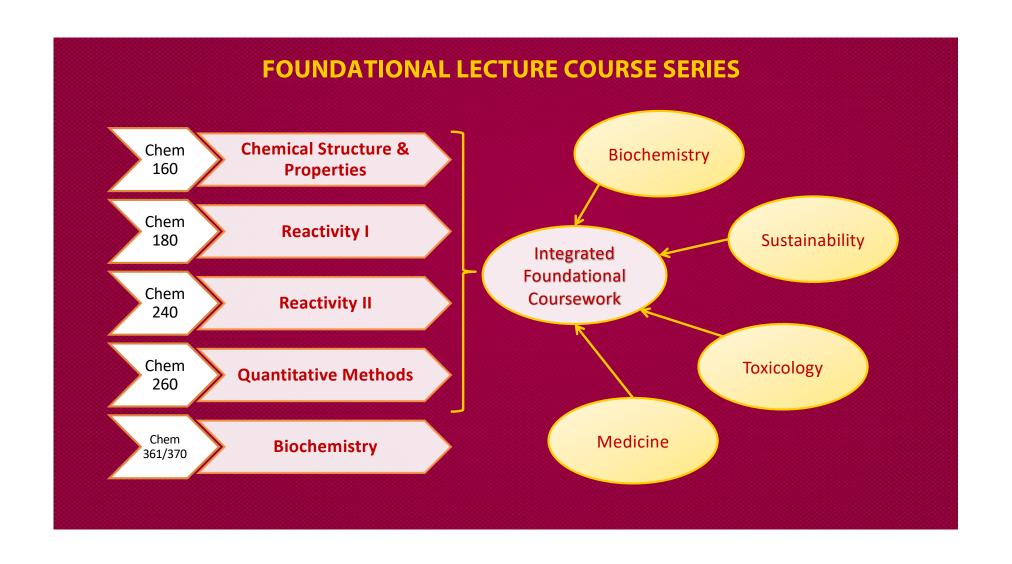
- 1. To modernize our approach to foundational chemistry coursework that develops relevant skills and applications.
- 2. To build a logical progression of topics and ideas, considering equity and flexibility for students.
- 3. To ensure that our curriculum continues to align with the latest American Chemical Society (ACS) and American Association of Medical Colleges (AAMC) standards & guidelines.

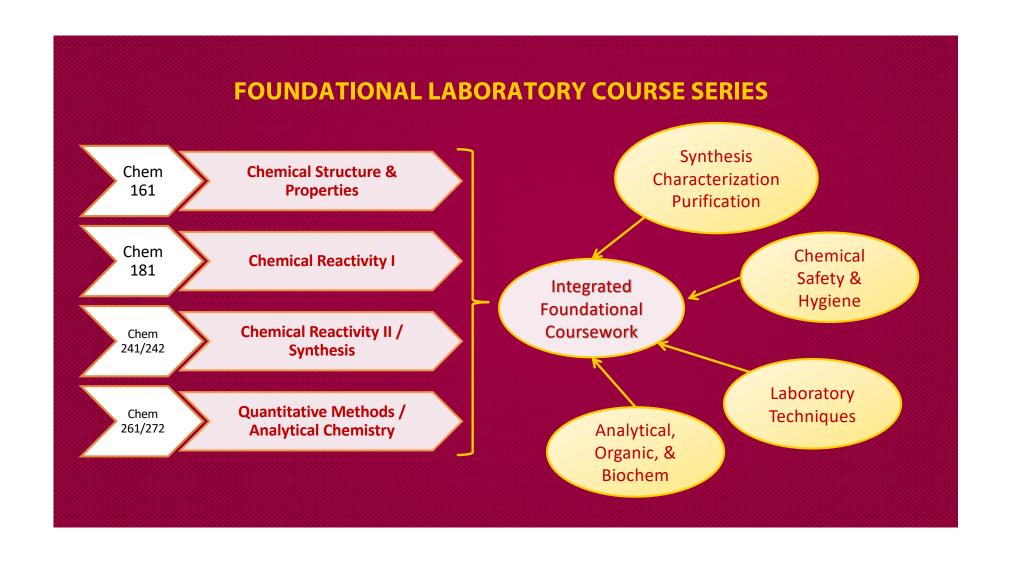
Students who start the chemistry sequence with General Chemistry course(s) can continue in the LUC Foundational sequence as shown here:



*Check LOCUS for specific 200-level laboratory course requirements for your degree track.

Students intending a pre-med track will continue to additional Biochemistry-specific coursework after completing the Foundational lecture/lab sequence.





FOUNDATIONAL LECTURE COURSE SERIES

