

ACE Two-Year Map

Chemistry, BS

Subplan Chemistry

Academic Plan: CHE-BS

Program Code: 02663

This degree map is a term-by-term sample course schedule designed to assist you and your ACE advisor in planning your 2-year academic path to graduation with a Chemistry degree. This map is intended for students who have earned an AA or AS degree from a community college.

You and your advisor will use it, along with the program of study for your major (found in the [Lehman Bulletin](#) for the year of your major declaration) and Degree Works (degree audit system), to formulate your customized plan.

12

Lehman College Option Credits

45

Major Credits

3

Elective Credits

LEGEND:

Course Abbreviation Credits

Class Name

Blue: Lehman Core Requirement (LCR)
Requirement fulfilled

Green: Major Requirement

Gold: Elective, Minor, or Certificate

- see footnote

Underlined information is hyperlinked

JUNIOR

FALL

LCR 3 CR
LEH 352, 353, 354, or 355 ^[1]
Lehman College Option

CHE 249 5 CR
Quantitative Analysis

CHE 444 3 CR
Biochemistry

PHY 168 5 CR
Physics I for Scientists and Engineers

SPRING

LCR 3 CR
LEH 352, 353, 354, or 355 ^[1]
Lehman College Option

CHE 450 1 CR
Chemistry Seminar

MAT 226 4 CR
Vector Calculus

PHY 169 5 CR
Physics II for Scientists and Engineers

16 FALL CREDITS + 13 SPRING CREDITS = 29 CREDITS

SENIOR

FALL

LCR 3 CR
Foreign Language I
Lehman College Option

CHE 342 3 CR
Physical Chemistry Course in Quantum
Chemistry

CHE 345 2 CR
Physical Chemistry Lab in Quantum Chemistry

CHE 442 3 CR
Inorganic Chemistry

Elective 3 CR

SPRING

LCR 3 CR
Foreign Language II
Lehman College Option

CHE 344 3 CR
Physical Chemistry Course in Kinetics
and Thermodynamics

CHE 347 2 CR
Physical Chemistry Lab in Kinetics and
Thermodynamics

CHE 443 5 CR
Advanced Inorganic Chemistry

CHE 449 5 CR
Instrumental Analysis

29 PRIOR CREDITS + 14 FALL CREDITS + 18 SPRING CREDITS = 61 CREDITS

[1] These are variable topics courses, where each section covers a special topic. Take two courses with two different numbers. Pre-requisite: You must have achieved 60 credits and declared your major. Integration Courses: LEH 352: Studies in Literature, LEH 353: Studies in Arts, LEH 354: Studies in Historical Studies, LEH 355: Studies in Philosophy, Theory & Abstract Thinking. (LEH 351: Studies in Science & Applied Perspectives, is NOT a College Option for this Major).

NOTE: Writing Intensive Sections: Complete 4 sections designated as writing-intensive, 3 prior to earning 60 credits and 1 following. These sections may be searched by class attribute and are offered in General Education, major, minor and elective courses.

[See other degree maps.](#)