

# ACE Two-Year Map

## Chemistry, BA

### Subplan Chemistry

Academic Plan: CHEM-BA

Program Code: 34241

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](#)

# 48

Major 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 <sup>[1]</sup>  
*Lehman College Option*

**CHE 232** 4 CR  
 Organic Chemistry I Lecture

**CHE 233** 2 CR  
 Organic Chemistry I Lab

**PHY 168** <sup>[2]</sup> 5 CR  
 Physics I for Scientists and Engineers

## SPRING

**LCR** 3 CR  
LEH 352, 353, 354, or 355 <sup>[1]</sup>  
*Lehman College Option*

**CHE 234** 4 CR  
 Organic Chemistry II Lecture

**CHE 235** 2 CR  
 Organic Chemistry II Lab

**CHE 450** 1 CR  
 Seminar

**PHY 169** <sup>[2]</sup> 5 CR  
 Physics II for Scientists and Engineers

14 FALL CREDITS + 15 SPRING CREDITS = 29 CREDITS

# SENIOR

## FALL

**LCR** 3 CR  
 Foreign Language I  
*Lehman College Option*

**CHE 249** 5 CR  
 Quantitative Analysis

**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

## 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

**MAT 226** 4 CR  
 Vector Calculus

**CHE 2## or 3## or 4##** <sup>[3]</sup> 3 CR  
 Chemistry Elective

29 PRIOR CREDITS + 16 FALL CREDITS + 15 SPRING CREDITS = 60 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).

[2] Students have the option to enroll in PHY 166 and PHY 167.

[3] Select any 200- 300- or 400- level Chemistry course, except CHE 391 and CHE 491.

*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.