

# ACE Two-Year Map

## Chemistry, BS

### Biochemistry Sub plan

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

# 41

Major Credits

# 7

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

**CHE 249** 5 CR  
 Quantitative Analysis

**CHE 391** <sup>[2]</sup> or Elective 1 CR

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

**CHE 446** 3 CR  
 Biochemistry II

**CHE 447** 3 CR  
 Biochemistry Lab

**CHE 450** 1 CR  
 Chemistry Seminar

**PHY 169** 5 CR  
 Physics II for Scientists and Engineers

**CHE 391** <sup>[2]</sup> or Elective 1 CR

17 FALL CREDITS + 16 SPRING CREDITS = 33 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 <sup>[4]</sup> 3 CR

**CHE 491** <sup>[3]</sup> or Elective 1 CR

## SPRING

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

**CHE 344** 3 CR  
 Physical Chemistry Course in Kinetics and Thermodynamics

**CHE 443** 5 CR  
 Advanced Inorganic Chemistry

**CHE 491** <sup>[3]</sup> or Elective 1 CR

33 PRIOR CREDITS + 15 FALL CREDITS + 12 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] Department consent is required to enroll in CHE 391-Chemical Investigations

[3] Department consent is required to enroll in CHE 491; students must complete one of semester of CHE 391 before requesting permission for CHE 491. One of the requirements for Departmental Honors is satisfactory completion of 3 credits in CHE 491.

[4] Students who have completed an AAS degree may have additional general education courses to complete

*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.