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) Requirements 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
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.