UNLV ★B.A. Chemistry with Education Concentration (CHEBA/E) 2012-2014 Catalog

UNLV UNIVERSITY AND COLLEGE OF SCIENCES GRADUATION REQUIREMENTS

120 total credits: The minimum number of semester credits required for a bachelor’s degree for a student graduating under the regulations of the 2012 - 2014 Undergraduate Catalog is 128.

Last 30 credits @ NSHE school: A candidate for the baccalaureate degree must complete the last 30 UNLV semester credits in unRepeated resident credit as a declared major in the degree-granting college. A student must declare a major prior to enrolling in the last 30 UNLV resident credits. (Special examination, physical education activity courses, or correspondence credits are exempted.)

3 credits from a four-year school: At least half of the total credits required for a baccalaureate degree at the institution must be earned at a four-year institution.

GPA 2.0: In order to graduate, an undergraduate student shall have a minimum cumulative grade point average of 2.00 for the total of all college-level credit attempted at the University of Nevada, Las Vegas (UNLV GPA). College and department GPA requirements must also be met. The College of Sciences requires a cumulative GPA of at least 2.00 for all courses in the major field.

Grades, Date of Course: Majors may count no more than one grade of D in chemistry courses toward meeting degree requirements. Chemistry courses taken more than eight years prior to the proposed date of graduation are subject to review by the department, and at the discretion of the department, such courses may not be allowed for application to a degree program. Students potentially affected by this policy should meet with the department chair.

40 upper division credits (300-400): The College of Sciences requires that of the total 120 credits require for the degree, at least 40 credits must be in courses numbered 300 or higher. These include all 300 and 400 level classes taken at UNLV, including those required for the major.

UNLV GENERAL EDUCATION CURRICULUM REQUIREMENTS

General education curriculum requirements for students with majors in the College of Sciences. With the exception of the Multicultural/International course requirement, UNLV general education core courses cannot be duplicated across general education core curriculum requirements.

FIRST YEAR SEMINAR (FYS) REQUIREMENT: Any first year seminar class; [required for First-time Freshmen or change of majors with less than 30 credits, or any student that attended community college high school]; must be completed by the end of the freshman year; SCI-101 strongly recommended for science and math majors.

SECOND YEAR SEMINAR (SYS) REQUIREMENT: Any second year seminar class (currently ENG 231 or 232); required of all Sophomores, including transfer students and change of majors with less than 60 credits.

ENGLISH COMPOSITION REQUIREMENT: ENG 101 or ENG 101W or ENG 113 or [ENG 101E+101F, and ENG 102, ENG 114 or HON – see Advisement Report in MyUNLV. Must be completed by the end of the sophomore year.

CONSTITUTIONS REQUIREMENT: Satisfactory completion of courses examining the constitutions of both the United States and the State of Nevada. Transfer students who have already successfully completed a satisfactory 3 semester-credit US. Constitutions course from a regionally-accredited institution must successfully complete a satisfactory Nevada Constitutions course (PSC 100 recommended). See Advisement Report in MyUNLV.

MATHEMATICS REQUIREMENT: The General Education Mathematics requirement will be filled by the math course(s) required in the student’s major. Must be completed by the end of the sophomore year. Please see the catalog Admissions Section for current ACT/SAT placement test scores that will guide placement in the appropriate MATH class. Students interested in alternate placement testing should contact the Department of Mathematical Sciences at 702-895-3567.

Distribution Requirements:

HUMANITIES AND FINE ARTS
Two courses (three credits each) from two different humanities areas. See Advisement Report in MyUNLV for course choices.

LIFE AND PHYSICAL SCIENCES AND ANALYTICAL THINKING:
Science and Mathematics majors are exempt from this requirement.

SOCIAL SCIENCES
EPY 303 Educational Psychology required by Chemistry Department. One course each from two additional different fields (to be approved by the Chemistry Department), for a total of nine credits. Courses used to satisfy the Constitutions requirement may not be used to meet Soci Sciences distribution requirements. Note: AAS and ANTII constitute one field. See Advisement Report in MyUNLV for course choices.

Multicultural and International Requirements: A minimum of six credits to be composed of a three-credit multicultural requirement and a three-credit international requirement that may simultaneously fill other general education core requirements depending on course choices. A single course may not simultaneously meet the multicultural and international requirements. See Advisement Report in MyUNLV for course choices.

CHEMISTRY EDUCATION DEGREE REQUIREMENTS

RELATED COURSE REQUIREMENTS

CHEM121/122L General Chemistry I
CHEM122/122L General Chemistry II
CHEM241 Organic Chemistry I
CHEM242 Organic Chemistry II
CHEM347 Laboratory Techniques of Organic Chemistry I
CHEM348 Laboratory Techniques of Organic Chemistry II
CHEM355 Quantitative Analysis
CHEM355L Quantitative Analysis Laboratory
CHEM402 Scientific Software for the Microcomputer
CHEM421 Physical Chemistry I
CHEM455 Instrumental Analysis
CHEM455L Instrumental Analysis Laboratory
CHEM474 Biochemistry I
CHEM489 Senior Poster Seminar

Teaching Certificate Requirements:

Biol 189 Fundamentals of Life Science
Biol 196 Principles of Modern Biology I
Geol 101 Exploring Planet Earth
Env 101 Introduction to Environmental Science

Subject to confirmation with the UNLV College of Education Advising Center

Minor in Education:
Contact the College of Education Advising Center for requirements

Mathematics:
Math111 Calculus I [Prerequisite ≥ C in MATH 127 or 128]
MATH 182 Calculus II

Computer Science:
CS 117 Programming for Scientists and Engineers OR CS 135 Computer Science I

Physics:
PHYS 151/151L General Physics I
PHYS 152/152L General Physics II
PHYS 180/180L Physics for Engineers & Scientists I lecture & lab (Prerequisite ≥ C in MATH 181)
PHYS 181/181L Physics for Engineers & Scientists II lecture & lab
PHYS 182/182L Physics for Engineers & Scientists III lecture & lab

136-140 credits

Department of Chemistry
UNLV
Las Vegas, Nevada 89154
(702) 895-4337

© 2004-2014 MyUNLV
120 total credits
3 credits from a four-year school
40 upper division credits (300-400)
12-21 credits
30-45 credits
4-6 credits
6 credits
9 credits
6 credits unless simultaneously filling Hum, FA or SocSCI
136-140 credits
35 credits
4 credits
32 credits
4 credits
4 credits
4 credits
3 credits
3 credits
3 credits
3 credits
3 credits
3 credits
3 credits
3 credits
3 credits
3 credits
2 credits
1 credit
3 credits
1 credit
4 credits
4 credits
4 credits
4 credits
3 credits
8 credits OR
12 credits
136-140 credits
136-140 credits