

# UNLV \*B.S. Geology (GEOL) 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 120.
Last 30 credits @ NSHE school:	A candidate for the baccalaureate degree must complete the last 30 UNLV semester credits in uninterrupted 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.)
½ 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.
40 upper division credits (300-400):	The College of Sciences requires that of the total 120 credits required 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.	
<b>FIRST YEAR SEMINAR (FYS) REQUIREMENT:</b> 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.	2 credits
<b>SECOND YEAR SEMINAR (SYS) REQUIREMENT:</b> 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	3 credits
<b>ENGLISH COMPOSITION REQUIREMENT:</b> ENG 101 or ENG 101W or ESL 113 or [ENG 101E+101F], and ENG 102 or HON – see Advisement Report in MyUNLV. Must be completed by the end of the sophomore year.	6-9 credits
<b>CONSTITUTIONS REQUIREMENT:</b> Satisfactory completion of courses examining the constitutions of both the United States and the State of Nevada. <i>Transfer</i> students who have already successfully completed a satisfactory 3 semester-credit U.S. Constitutions course from a regionally-accredited institution must successfully complete a satisfactory Nevada Constitutions course (PSC 100 recommended). See Advisement Report in MyUNLV.	4-6 credits
<b>MATHEMATICS REQUIREMENT:</b> 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.	4 credits shown in major below
<b>DISTRIBUTION REQUIREMENTS:</b>	<b>18-19 credits</b>
<b>HUMANITIES AND FINE ARTS</b> Two courses (three credits each) from two different humanities areas. See Advisement Report in MyUNLV for course choices. <i>One German or Russian strongly recommended by the department.</i> One introductory or appreciation course (three credits) from a fine arts area. See Advisement Report in MyUNLV for course choices.	6 credits 3 credits
<b>LIFE AND PHYSICAL SCIENCES AND ANALYTICAL THINKING:</b> Science and Mathematics majors are exempt from this requirement.	N/A
<b>SOCIAL SCIENCES</b> One course each from three different fields for a total of nine credits. Courses used to satisfy the Constitutions requirement may not be used to meet Social Sciences distribution requirements. Note: AAS and ANTH constitute one field. See Advisement Report in MyUNLV for course choices.	9 credits
<b>MULTICULTURAL AND INTERNATIONAL REQUIREMENTS:</b> A minimum of six credits to be composed of a three-credit multicultural requirement and a three-credit international requirement <u>that may simultaneously fulfill other general education core requirements</u> depending on course choices. A single course may not simultaneously meet the multicultural and international requirements. See Advisement Report in MyUNLV for course choices. <i>German or Russian strongly recommended by the department for the International Requirement.</i>	6 credits unless simultaneously filling Hum, FA or SocSCI

## \*GEOLOGY DEGREE REQUIREMENTS\*

<b>GEOLOGY REQUIREMENTS:</b>	<b>GRADES ≥C REQUIRED</b>	<b>87-89 credits</b>
Any GEOL/GEOG 100-level course for no more than 4 credits		3 or 4 credits
GEOL 102/102L Earth and Life Through Time		4 credits
GEOL 220/220L Mineralogy		4 credits
GEOL 333/333L Principles of Geomorphology		4 credits
GEOL 341/341L Structural Geology		4 credits
GEOL 348 Field Geology I		3 credits
GEOL 370 Intermediate Field Geology		3 credits
GEOL 427/427L Igneous & Metamorphic Petrography		4 credits
GEOL 462/462L Principles of Stratigraphy and Sedimentation		4 credits
Select <b>28 credits of elective classes</b> in Geology or other topics. At least 9 credits must be upper division Geology electives. The student must see a faculty advisor to select elective classes.		28 credits
<b>WRITING:</b>	Select one course from: ENG 407A Fundamentals of Business Writing <i>OR</i> ENG 405B Research and Editing <i>OR</i> ENG 407B Technical Writing <i>OR</i> ENG 407C Advanced Professional Communication	<b>3 credits</b>
<b>MATHEMATICS:</b>	MATH181 Calculus I [Prerequisite ≥ C in MATH 127 or 128]	<b>4 credits</b>
	Choose <i>one</i> of the following classes: MATH 182 Calculus II <i>OR</i> STAT 152 Introduction to Statistics <i>OR</i> STAT 491 Statistics for Scientists	<b>3-4 credits</b>
<b>PHYSICS:</b> <i>OR</i>	PHYS 151/151L General Physics I	<b>4 credits</b>
	PHYS 152/152L General Physics II	<b>4 credits</b>
	PHYS 180/180L Engineering Physics I	<b>4 credits</b>
	<i>EITHER</i> PHYS 181/181L Engineering Physics II <i>OR</i> PHYS 182/182L Engineering Physics III	<b>4 credits</b>
<b>CHEMISTRY:</b>	CHEM 121/121L General Chemistry I	<b>4 credits</b>
	CHEM 122/122L General Chemistry II	<b>4 credits</b>