

College: **College of Sciences**
 Department: **Geoscience Department**

Requirements for entering terms: **Fall 2014 - Spring 2015**
 Catalog Expires (10 yrs): **August 2025**
 Graduation: **Spring 2018 - Spring 2019**



	Credit Range	
	Min	Max
General Education:	33	42
Mathematics	39	51
Related:	12	12
Electives:	36	9
Total Credits:	120	114



University of Nevada, Las Vegas (UNLV)
Mathematics Department
 Central Desert Complex # 8 (CDC-801)
 702-895-3567
<http://www.unlv.edu/math>

General Education	Course	Min	Max	Course	Min	Max
	First Year Seminar	2	3	Social Science Field 1	3	3
Second Year Seminar	3	3	Social Science Field 2	3	3	
ENG 101 English Composition I	3	3	Social Science Field 3	3	3	
ENG 102 English Composition II	3	3	Multicultural**	0	3	
HIST 100 or PSC 101 US/NV Constitution	4	6	International**	0	3	
Humanities Field 1	3	3	Milestone Experience	0	0	
Humanities Field 2	3	3	Culminating Experience	0	0	
Fine Arts	3	3				

Mathematics	Course	Min	Max	Course	Min	Max
	MATH181 Calculus I	4	4	Choose 12 additional credits from		
	MATH 182 Calculus II	4	4	400-level MATH or STAT courses	12	12
	MATH 251 Discrete Mathematics I	3	3	The program of study must include two (2) one-	0	12
	MATH 283 Intermediate Calculus	4	4	year 400-level MATH or STAT sequences (see		
	EITHER MATH 330 Linear Algebra OR MATH 365	3	3	Degree Audit in MyUNLV for sequence		
	MATH 427 Differential Equations I	3	3	choices); courses from the math core and the		
	MATH 453 Abstract Algebra I	3	3	math 12-credit requirement may be used		
MATH 457 Introduction to Real Analysis	3	3	toward a sequence).			
			<i>Every student will be encouraged to take the</i>			
			<i>GRE Advanced Test in Mathematics</i>			

Related	Course	Min	Max	Course	Min	Max
	Choose 9 credits, including a lab class, from the following college level sciences or engineering fields: BIOL, CHEM, GEOG, GEOL, PHYS, CEE, CS, CpE, EE, ME courses (upper division courses recommended in order to help meet the College's requirement for 40 upper division credits)	9	9	CS 117 Prog for Sci/ Eng OR CS 135 Computer Sci I	3	3
	Upper Division Credits in the Major (300 or 400 level):	24	36	Electives (any level):	20	5
	Upper Division Credits Required for the Degree:	40	40	<i>Number of Electives depends on other course choices in the major</i>		
Upper Division Elective Credits to Complete:	16	4				

Notes
 *Students are required to include a two-semester college-level foreign language course in the course of study OR have two years of any foreign language at the high school level. (NOTE: college-level courses may also fill both the Humanities and International general education requirements (Latin excluded). Students with high school language should submit a copy of their high school transcript to the COS Advising Center.

University Requirements
 A minimum of six (6) credits are required, to be composed of a three-credit **multicultural course and a three-credit **international** course that *may simultaneously fulfill other general education requirements* (General Education Requirements are Italized). A single course may not simultaneously meet both the multicultural and international requirements. Discuss with your Academic Advisor!

Resident Credit: 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 their last 30 UNLV resident credits. (Special examination, physical education activity courses, or Distance/ online credits are exempted.)

Minimum Credits for Graduation: 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. At least half of the credits required for a baccalaureate degree at the institution must be earned at a four-year institution.

Minimum University Grade Point Average for Graduation: In order to graduate, an undergraduate student must 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.

