

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**



	<u>Credit Range</u>	
	Min	Max
General Education:	33	42
Mathematics	57	57
Related:	22	22
Electives:	8	0
Total Credits:	120	121



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 & Statistics

MATH181 Calculus I	4	4	MATH 471 Actuarial Mathematics I	3	3
MATH 182 Calculus II	4	4	MATH 472 Actuarial Mathematics II	3	3
MATH 251 Discrete Mathematics I	3	3	STAT 411 Statistical Methods I	3	3
MATH 283 Intermediate Calculus	4	4	STAT 412 Statistical Methods II	3	3
MATH 320 Mathematics of Interest	3	3	STAT 467 Introd to Mathematical Statistics	3	3
EITHER MATH 330 Linear Algebra OR MATH 365 Computational Linear Algebra	3	3	STAT 488 Senior Research Project in Statistics	3	3
MATH 427 Differential Equations I	3	3	Choose 12 additional credits from 400-level MATH or STAT courses	12	12
EITHER MATH 463 Advanced Matrix Theory OR MATH 466 Numerical Methods I	3	3			

Related

ECON 102 Principles of Microeconomics	3	3	Select nine (9) credits, including a LAB course, from BIOL courses numbered 189 and above; CHEM courses numbered 121 and above except CHEM 201, 203; GEOL courses numbered 220 and above; GEOG courses numbered 300 and above; PHYS courses numbered 180 and above; CEE courses numbered 300 and above; CS courses numbered 218 and above; all CpE courses; EE courses numbered 220 and above; all ME courses.	9	9
ECON 103 Principles of Macroeconomics	3	3			
FIN 321 Corporate Risk Management	3	3			
CS 117 Prog for Sci/Eng OR CS 135 Computer Sci I	4	4			
<i>Every student will be encouraged to take the GRE Advanced Test in Mathematics</i>					

Upper Division Credits in the Major (300 or 400 level):	45	45	Electives (any level):	8	0
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:	0	0			

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.