

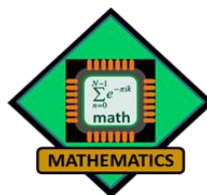
# UNLV BA Mathematics [2015-2016]

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

Requirements for entering terms: **Fall 2015 - Spring 20156**  
 Catalog Expires (10 yrs): **August 2026**  
 Graduation: **Spring 2019 - Fall 2019**



	<u>Credit Range</u>	
	<i>Min</i>	<i>Max</i>
General Education:	33	42
Mathematics	39	51
Related:	12	12
Electives:	36	9
<b>Total Credits:</b>	<b>120</b>	<b>114</b>



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

	<i>Course</i>	<i>Min</i>	<i>Max</i>	<i>Course</i>	<i>Min</i>	<i>Max</i>
General Education	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	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-year	0	12
	MATH 283 Intermediate Calculus	4	4	400-level MATH or STAT sequences.		
	EITHER MATH 330 Linear Algebra OR MATH 365 Computational Linear Algebra	3	3	<i>Every student will be encouraged to take the GRE Advanced Test in Mathematics</i>		
	MATH 427 Differential Equations I	3	3			
	MATH 453 Abstract Algebra I	3	3			
	MATH 457 Introduction to Real Analysis	3	3			
Related	Select nine (9) credits, including a LAB course, from college-level BIOL, CHEM, GEOG, GEOL, PHYS, CEE, CS, CpE, EE, ME courses.	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 <b>multicultural</b> course and a three-credit <b>international</b> course that <i>may simultaneously fulfill other general education requirements</i> (General Education Requirements are Italized). A single course may not simultaneously meet both the multicultural and international requirements. Discuss with your Academic Advisor!					
	<b>Resident Credit:</b> 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.)					
	<b>Minimum Credits for Graduation:</b> 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.					
<b>Minimum University Grade Point Average for Graduation:</b> 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.						



## BS MATHEMATICS, BA MATHEMATICS, BS MATHEMATICS/ACTUARIAL SCIENCE

### **NSHE Transfers**

Only credits transfer to UNLV from other institutions; grades do not transfer and do not affect GPA at UNLV (this includes other Nevada institutions)

If you receive a passing grade at UNLV and you choose to retake the class, you must do so at UNLV, NOT at CCSN or other NSHE institutions; if you fail a class at UNLV, you may retake the class at CSN or other NSHE institutions.

BIOL 251G (Honors Microbiology) from CSN may fill a requirement for BIOL 351 (BS Biology) at UNLV.

### **Credit Load**

12 semester credits are in many cases the minimum full-time undergraduate credit load required for full time financial aid. However, the university expects students to enroll in 15 credits per semester so the degree can be finished within 4 years. The maximum credits allowed during a regular semester are 17 for freshmen level and 18 for sophomore, junior, and senior levels. Freshmen may not petition for overload. Higher level students may petition only if they have a GPA 3.0 or higher.

### **Student Responsibility for Their Degree**

Students are responsible for knowing and meeting the requirements for graduation. Academic Advisors are available to answer questions that students might have concerning their degree requirements. Students with majors in the College of Sciences are expected to read and understand the following documents.

The UNLV on-line catalog can be located at <http://www.unlv.edu/academics/catalogs>

The students' individualized Degree Audit Report can be found by logging in to MyUNLV.