

UNLV BS Mathematics w/Actuarial Science Concentration [2015-2016]

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

Requirements for entering terms: **Fall 2015 - Spring 2016**
 Catalog Expires (10 yrs): **August 2026**
 Graduation: **Spring 2019 - Fall 2019**



	Credit Range	
	Min	Max
General Education:	33	42
Mathematics	42	42
Related:	22	22
Electives:	23	14
Total Credits:	120	120



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 283 Intermediate Calculus	4	4	STAT 411 Statistical Methods I	3	3
MATH 320 Mathematics of Interest	3	3	STAT 412 Statistical Methods II	3	3
EITHER MATH 330 Linear Algebra OR MATH 365 Computational Linear Algebra	3	3	STAT 467 Introd to Mathematical Statistics	3	3
MATH 427 Differential Equations I	3	3	STAT 488 Senior Research Project in Statistics	3	3
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.		
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		9	9
<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):	42	42	Electives (any level):	23	14
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.



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.