

College: **College of Sciences**
 Department: **Physics Department**

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



	<i>Credit Range</i>	
	<i>Min</i>	<i>Max</i>
General Education:	33	42
Physics:	48	48
Related:	36	36
Electives:	3	0
Total Credits:	120	126



University of Nevada, Las Vegas (UNLV)
Physics Department
 Bigelow Physics Building (BPB-209)
 702-895-3563
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	<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			
Geology	PHYS 180 Physics for Engineers & Scientists I	3	3	PHYS 421 Electricity & Magnetism I	3	3
	PHYS 180L Physics for Engineers & Scientists I Lab	1	1	PHYS 422 Electricity & Magnetism II	3	3
	PHYS 181 Physics for Engineers & Scientists II	3	3	PHYS 423 Mechanics I	3	3
	PHYS 181L Physics for Engineers & Scientists II Lab	1	1	PHYS 424 Mechanics II	3	3
	PHYS 182 Physics for Engineers & Scientists III	3	3	PHYS 467 Thermodynamics	3	3
	PHYS 182L Physics for Engineers & Scientists III Lab	1	1	PHYS 481 Quantum Mechanics I	3	3
	PHYS 411 Modern Physics I	3	3	PHYS 493 Special Problems	3	3
	PHYS 413 Intermediate Lab I	3	3	Choose 6 additional credits of upper division Physics Courses (300 and above)	6	6
	PHYS 414 Intermediate Lab II	3	3			
Related	MATH181 Calculus I	4	4	CHEM 121/121L General Chemistry I	4	4
	MATH 182 Calculus II	4	4	CHEM 122/122L General Chemistry II	4	4
	MATH 283 Intermediate Calculus	4	4	10 credits in Science, Computer Science or Engineering courses	10	10
Electives	Upper Division Credits in the Major (300 or 400 level):	42	42	Electives (any level):	3	0
	Upper Division Credits Required for the Degree:	40	40	<i>Number of Electives (any level) depends on other course choices</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 Italicized). 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.

