

College: **College of Sciences**
 Department: **School of Life Sciences**

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



Take 15 credits per semester to graduate in 4 years

| | Credits |
|---------------|------------|
| 1st Year: | 32 |
| 2nd Year: | 28 |
| 3rd Year: | 29 |
| 4th Year: | 31 |
| Total: | 120 |



University of Nevada, Las Vegas (UNLV)
School of Life Sciences
 Juanita Greer White Hall (WHI-101)
 702-895-3390
 www.unlv.edu/lifesciences

| 1st Year | First Semester | | Second Semester | |
|----------|---|-----------|---|-----------|
| | Course | Credits | Course | Credits |
| | ENG 101 English Composition I | 3 | ENG 102 Composition II | 3 |
| | MATH181 Calculus I* | 4 | CHEM122/122L General Chemistry II | 4 |
| | Choose First Year Seminar (SCI-101 recommended) | 2 | BIOL 196 Modern Biology I OR BIOL 197 Modern Biology II | 4 |
| | CHEM121/121L General Chemistry | 4 | HIST 100 or PSC 101 US NV Constitution | 4 |
| | BIOL 196 Modern Biology I OR BIOL 197 Modern Biology II | 4 | | |
| | Total First Semester: | 17 | Total Second Semester: | 15 |
| 2nd Year | Third Semester | | Fourth Semester | |
| | Course | Credits | Course | Credits |
| | CHEM 241 Organic Chemistry I lecture | 3 | CHEM 242 Organic Chemistry II lecture | 3 |
| | CHEM 241L Organic Chemistry I lab | 1 | CHEM 242L Organic Chemistry II lab | 1 |
| | PHYS 151 General Physics I | 4 | CHEM 152 General Physics II | 4 |
| | Choose Social Science Field 1** | 3 | General Elective | 3 |
| | Choose Second Year Seminar | 3 | Choose Humanities Field 1** | 3 |
| | Total Third Semester: | 14 | Total Fourth Semester: | 14 |
| 3rd Year | Fifth Semester | | Sixth Semester | |
| | Course | Credits | Course | Credits |
| | CHEM 474 Biochemistry I | 3 | Upper Division Elective | 3 |
| | BIOL 300 Genetics or BIOL 304 Molecular Genetics | 4 | BIOL 415 Evolution | 3 |
| | BIOL 351 Microbiology | 4 | Biology Upper Division Course*** | 3 |
| | General Elective | 3 | General Elective | 3 |
| | | | STAT 391 App. Stats for Bio Sci or STAT 491 Stats for Sci I | 3 |
| | Total Fifth Semester: | 14 | Total Sixth Semester: | 15 |
| 4th Year | Seventh Semester | | Eighth Semester | |
| | Course | Credits | Course | Credits |
| | Biology Upper Division Course*** | 4 | Biology Upper Division Course*** | 3 |
| | Biology Upper Division Course*** | 3 | Biology Upper Division Course*** | 3 |
| | Biology Upper Division Course*** | 3 | Biology Upper Division Course*** | 1 |
| | Choose Humanities Field 2** | 3 | Choose Fine Arts** | 3 |
| | Choose Social Science Field 2** | 3 | General Elective | 2 |
| | | | Choose Social Science Field 3** | 3 |
| | Total Seventh Semester: | 16 | Total Eighth Semester: | 15 |

Notes

*Student who place below MATH 181 should enroll in math during summer terms

**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!

***See List requirements; only one credit from BIOL 492, 493, 494 or 496 may be used toward the requirement for 20 upper division biology credits.

To enroll in upper division (300-400 level) biology classes, students must complete a set of introductory science, math, and composition classes with a satisfactory grade. These courses, which satisfy university and science major requirements (25 credits), are typically taken in the freshman year. Entry to the major requires a C or better (C- is not sufficient) in each of the following classes (or equivalent transferred from another institution): BIOL 196, BIOL 197, CHEM 121, CHEM 122, MATH 127 or 181, ENG 101, ENG 102. Students with Advanced Placement (AP) credit in chemistry and/ or biology must complete the appropriate lab at UNLV and earn a grade C or higher.