## General Education Requirements

**Course** | **Credits** | **Semester** | **Grade**
--- | --- | --- | ---
First Year Seminar | SCI 101 | 2 | 
Second Year Seminar | | | 
English | ENG 101 or equivalent | 3 | 
English | ENG 102 or equivalent | 3 | 
US Constitution | | | 
NV Constitution | | | 
Humanities | | | 
Social Science | | | 
Multicultural | | | 
International | | | 

## Upper Division (UD) Biology Pre-Requisites** (Completed with a C or better)

**Pre-Req** | **Credits** | **Semester** | **Grade**
--- | --- | --- | ---
BIOL 196 & Lab | 4 | | 
BIOL 197 & Lab | 4 | | 
MATH 181 | Placement or complete MATH 127 or 128 | 4 | 
CHEM 121A | Exam or CHEM 103 w/ a C or better, Co-req of MATH 126 or higher | 1 | 
CHEM 121L | CHEM 121A/L & MATH 126 or higher with C or better | 1 | 

## Upper Division (UD) Biology Requirements

**Pre-Req** | **Credits** | **Semester** | **Grade**
--- | --- | --- | ---
BIOL 445 | UD Biology Pre-Requisites & Junior Standing | 3 | 
Choice 1: | UD Biology Pre-Requisites | | 
Choice 2: | UD Biology Pre-Requisites | | 
List A: | UD Biology Pre-Requisites | | 
List B: | UD Biology Pre-Requisites | | 
List C: | UD Biology Pre-Requisites | | 
List A, B, or C: | UD Biology Pre-Requisites | | 
List A, B, or C: | UD Biology Pre-Requisites | | 
BIOL 351/L (Milestone) | UD Biology Pre-Requisites | 4 | 
BIOL 300 or 304 & Lab | Pre-reqs & CHEM 241 & CHEM 241L(C or better) | 4 | 
BIOL 415 (Culminating) | BIOL 304 with a C or better | 1 | 

***Total Biology Credits for Degree (including BIOL 196/197): 22***

## Additional Requirements

**Pre-Req** | **Credits** | **Semester** | **Grade**
--- | --- | --- | ---
PHYS 151 & Lab | MATH 127 or 128 | 4 | 
PHYS 152 & Lab | MATH 127 or 128, PHYS 151 & Lab | 4 | 
STAT 391 or 491 | MATH 127 with a C or better | 3 | 
CHEM 241 | CHEM 122A, CHEM 122L | 3 | 
CHEM 241L | Coreq: CHEM 241 | 1 | 
CHEM 242 | CHEM 241 | 3 | 
CHEM 242L | Coreq: CHEM 242, Prereq: CHEM 241L | 1 | 
CHEM 474 | CHEM 242 | 3 | 

## Elective Credits (Upper Division Requirement, if applicable)

**Pre-Req** | **Credits** | **Semester** | **Grade**
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**Credits Needed:** Total Degree Cr: 4-yr Institution Cr + Residency Credits + UD Credits

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*CHEM 475 & MATH 182 are not required for the degree, but are recommended by the School of Life Sciences

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**ENG 102 is a requirement for UD Biology courses, in addition to the specified requirements above.
**MATH 127 is the minimum course required to take UD Biology courses; MATH 181 is required for degree

*Biology courses cannot be repeated more than 3 times (including Audits and Withdrawals)

*CHEM 241 & CHEM 241L is a Milestone course; BIOL 415 = Culminating Experience

*Up to 4 credits of BIOL 492 may be used toward UD Biology credits

*Up to 2 credits total of BIOL 494 and/or BIOL 499 may be used as electives to satisfy 120 credit graduation req.

**Choice Options: BIOL 440, 442, 447

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* A minimum of a 2.00 is required for graduation from UNLV
* Required credits: 120 (half must be from 4 yr institution)
* Last 30 credits must be completed at an NSHE institution
* A minimum of 40 credits must be Upper Division (300-400 lvl)
* Review the Undergraduate Catalog: https://catalog.unlv.edu
* Catalog Expiration: August 2029

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**Grad Goal:**

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rev. 1.18.2018