

<b>Student Name:</b>	
<b>NSHE #:</b>	
<b>Advisor:</b>	

General Education Requirements				
Course Name	University Requirement Area	Credits	Semester	Grade
<b>SCI 101 or Equivalent</b>	First Year Seminar (FYS)	2		
<b>SCI 201 or Equivalent</b>	Second Year Seminar (SYS); ENG 231S is also recommended	3		
<b>ENG 101 or Equivalent</b>	General English; ENG 113 or ENG 101E+F are also equivalent	3		
<b>ENG 102 or Equivalent</b>	General English II; ENG 114 is also equivalent	3		
	US Constitution			
	NV Constitution			
	Humanities (two different areas)			
	Humanities (two different areas)			
	Fine Arts			
	Social Science (three different areas)			
	Social Science (three different areas)			
	Social Science (three different areas)			
	Multicultural			
	International			

Biochemistry Core Requirements*				
Course Name	Course Pre-Requisites	Credits	Semester	Grade
<b>CHEM 121A</b>	Placement or C or better in CHEM 103; Co-req. of MATH 126 or higher; Co-req. of CHEM 121L if first attempt	3		
<b>CHEM 121L</b>		1		
<b>CHEM 122A</b>	C or better in CHEM 121A+L & MATH 126 or higher; Co-req. of CHEM 122L if first attempt	3		
<b>CHEM 122L</b>		1		
<b>CHEM 241</b>	CHEM 122A+L	3		
<b>CHEM 347</b>	Co-req. of CHEM 241 if first attempt	2		
<b>CHEM 242</b>	C- or better in CHEM 241	3		
<b>CHEM 348</b>	CHEM 347; Co-req. of CHEM 242 if first attempt	2		
<b>CHEM 355</b>	CHEM 220 or CHEM 241+L or CHEM 241+CHEM 347	3		
<b>CHEM 355L</b>	CHEM 355 pre-reqs. & Co-req. of CHEM 355	2		
<b>CHEM 421</b>	CHEM 122A+L; PHYS 152+MATH 182 or Co-req. of PHYS 182	3		
<b>CHEM 422</b>	CHEM 421	3		
<b>CHEM 455</b>	CHEM 355 & 355L; Co-req. of CHEM 421	3		
<b>CHEM 455L</b>	CHEM 455 prerequisites & Co-req. of CHEM 455	2		
<b>CHEM 472 (Lab)</b>	CHEM 355+355L; CHEM 474	3		
<b>CHEM 474</b>	CHEM 242	3		
<b>CHEM 475</b>	CHEM 474	3		
<b>CHEM 476</b>	CHEM 475	3		

Biochemistry Core UD Elective Requirements*				
Course Name	Course Pre-Requisites	Credits	Semester	Grade
<b>CHEM UD</b>	300 level or higher; pre-reqs. depend on course selected	3		

Biology Core Requirements*				
Course Name	Course Pre-Requisites	Credits	Semester	Grade
<b>BIOL 190A</b>	Co-req. of BIOL 190L if first attempt	3		
<b>BIOL 190L</b>	Co-req. of BIOL 190A if first attempt	1		
<b>BIOL 191A</b>	C or better in BIOL 190A; Co-req. of BIOL 191L if first attempt	3		
<b>BIOL 191L</b>	Co-req. of BIOL 191A if first attempt	1		
<b>BIOL 300 or 304</b>	Varies. See UD BIOL pre-reqs.***	4		
<b>BIOL UD Choice 1**</b>	Varies. See UD BIOL pre-reqs.***			
<b>BIOL UD Choice 2**</b>	Varies. See UD BIOL pre-reqs.***			
<b>BIOL UD Choice 3**</b>	Varies. See UD BIOL pre-reqs.***			
<b>BIOL UD Choice 4**</b>	If needed based on UD BIOL crd. completed			

Science Requirements				
Course Name	Course Pre-Requisites	Credits	Semester	Grade
<b>MATH 181</b>	Placement or C or better in MATH 127 or 128	4		
<b>MATH 182</b>	C or better in MATH 181	4		
<b>PHYS 151A***</b>	C or better or placement into MATH 127 or higher	3		
<b>PHYS 151L***</b>	C or better or placement into MATH 127 or higher	1		
<b>PHYS 152A***</b>	C or better in PHYS 151A	3		
<b>PHYS 152L***</b>	C or better in PHYS 151L	1		

Additional Electives (If Needed for University Requirements)****				
Course Name	University Requirement Area	Credits	Semester	Grade
<b>Elective</b>	Consult advisor to determine need			
<b>Elective</b>	Consult advisor to determine need			
<b>Elective</b>	Consult advisor to determine need			

Department permission must be requested to repeat a Chemistry course after the second attempt. Contact dept. at: 702-895-3510.

Consult with your advisor or advising [website](#) for the most updated info about your degree plan.

Some courses within this program are only offered in a specific semester once per year. Be mindful of course sequencing.

Minimum grades required as a prerequisite for future courses within the program supersede the minimum core course grade policy.

\*C or better is required in all Biochemistry core courses, including UD Biochemistry electives and all Biology courses.

\*\*Choice options: BIOL 351, 405, 409, 412, 415, 417, 425, 440, 442, 445, 447, 448, 453, 460, 466, 468, 470, 473, 475, 480, 481, 485, & CHEM 478.

UD Biology pre-reqs.: BIOL 190A+L, 191A+L, CHEM 121A+L, 122A+L, MATH 127 or higher, & ENG 102. 10 total UD Biology elective crd. required.

\*\*\*PHYS 180+L, 181+L, 182+L is an approved sequence substitute for PHYS 151A+L & 152A+L (entire sequence must be successfully completed).

\*\*\*\*Additional electives are only needed if a university credit requirement has not been met (e.g. 120-total, etc.).

Red: **Important** • Purple: **Semester-Only** • #: **Course Attempt** • AP: **AP Credit** • DD: **Double-dip** • IB: **IB Credit** • IP: **In-Progress**  
 • MIN: **Minor** • OPT: **Optional** • R: **Retake** • TR: **Transfer Credit** • UD: **Upper-Division (300lvl+)** • WL: **Waitlist**

**Appointment Notes:**

<b>Program:</b>	<b>Biochemistry BS</b>
<b>Concentration:</b>	<b>N/A</b>
<b>Catalog Year:</b>	<b>Fall 2020 - Summer 2021</b>
<b>Student Notes:</b>	
<b>UNLV GPA*:</b>	
<b>Add'l. Major or Minor(s):</b>	

2,000 or higher cumulative UNLV AND Biology GPA is required for graduation.	
Consult advisor for transfer policies prior to taking courses at another institution.	
120 total crd. needed for graduation. 60 crd. must be earned from UNLV. 40 crd. must be upper-division (300-400 lvl). Last 30 crd. must be earned at a NSHE institution.	
Review catalog for course/grade prerequisites and course title/description.	
Course Catalog: <a href="https://catalog.unlv.edu">https://catalog.unlv.edu</a> Catalog expiration: August 2030	
<b>University Credits Remaining</b>	<b>Resident:</b>
<b>Total Degree:</b>	<b>Upper-Division:</b>
<b>4-Year Institution:</b>	<b>Graduation Goal:</b>

Course Planner			
Fall 2020	0 crd.	Spring 2021	0 crd.
<b>Summer 2021</b>			0 crd.

Fall 2021	0 crd.	Spring 2022	0 crd.
<b>Summer 2022</b>			0 crd.

Fall 2022	0 crd.	Spring 2023	0 crd.
<b>Summer 2023</b>			0 crd.

Fall 2023	0 crd.	Spring 2024	0 crd.
<b>Summer 2024</b>			0 crd.

Fall 2024	0 crd.	Spring 2025	0 crd.
<b>Summer 2025</b>			0 crd.