



## B.S. Biology - Preprofessional Concentration 2004-2006 Catalog

Requirement	Required Course	Lower Division Credits	Upper Division Credits	Semester/Year Completed	Grade	
<b>General Education Core</b>	<b>See the 2004-2006 catalog (p. 53-54) for course selections to fill the general education core</b>					
	<b>English Requirement: 9 credits</b>	<b>Course #</b>				
	English Composition: ENG 101		3			
	English Composition: ENG 102		3			
	Eng. Literature: ENG231 <b>OR</b> ENG232		3			
	<b>Constitution Requirement: 3-6 credits</b>					
	1 Course option:					
	US AND NV: HIS 100 <b>OR</b> PSC 101		4			
	2 Course option:					
	(1) US only: select <b>ONE</b> : HIS101,106,401,412;PSC304,330,409C;PUA241 AND		3			
	(2) NV only: select <b>ONE</b> : HIS102,217,402,417A;PSC100,401D		3			
	<b>Distribution Requirement: 18 credits</b> - see online catalog for more info- <a href="http://www.unlv.edu/pubs/catalogs/undergraduate/pdf/main/acadpol.pdf">www.unlv.edu/pubs/catalogs/undergraduate/pdf/main/acadpol.pdf</a>					
	Fine Arts: must choose from list in catalog (p. 54)		3			
	Humanities: Humanities courses must be in two different fields		3			
	Humanities		3			
Social Science: Social Science courses must be in three different fields		3				
Social Science		3				
Social Science		3				
<b>Multicultural Requirement*</b> from list- <a href="http://www.unlv.edu/committees/gec">www.unlv.edu/committees/gec</a>						
<b>International Requirement*</b> from list- <a href="http://www.unlv.edu/committees/gec">www.unlv.edu/committees/gec</a>						
*May be used to simultaneously to meet a Humanities/Fine Arts or Social Sciences requirement, but one course may not fill both Int'l & Multicul.						
<b>Total Gen Ed Core Credits:</b>		<b>37</b>	<b>37</b>	<b>0</b>		
<b>General Electives</b>	Select Lower Division general electives to reach 124 total credits		9			
	Select Upper Division general electives to reach 40 total credits			8		
<b>Total General Electives:</b>		<b>17</b>	<b>9</b>	<b>8</b>		
<b>Biology Core</b> <small>requires grade of C- or better</small>	<b>Core requires a grade of C- or better and an overall Biology GPA of at least 2.0</b>					
	BIOL189 Fundamentals of Life Sciences		4			
	BIOL196/196L Biology I -- prerequisite: grade of C- or better in BIOL189		4			
	BIOL197/197L Biology II -- prerequisite: grade of C- or better in BIOL189		4			
	BIOL300/300L Genetics -- prerequisite: C- or better in BIOL196,197;CHEM241,241L			4		
	BIOL415 Evolution -- prerequisite: grade of C- or better in BIOL300			3		
	<b>Biology Preprofessional Requirements</b>					
	<b>A minimum of 5 courses are required (20 credits)</b>					
	(1) BIOL251 Microbiology		4			
	Select a minimum of 4 upper division BIOL courses: Choose one course from each list B,C and D; and one from either A or E					
(2) List B:			3			
(3) List C:			3			
(4) List D:			3			
(5) List A or E:			4			
Select additional courses from lists B,C,or D to meet 20 credits of Biology Preprofessional Requirements						
			3			
Preprofessional Capstone: see advising center for details						
<b>Total Biology-Preprofessional Credits (20 required):</b>		<b>20</b>	<b>4</b>	<b>16</b>		
<b>Total Biology Credits (39 required):</b>		<b>39</b>	<b>16</b>	<b>23</b>		
<b>Related Chemistry, Math, Statistics, and Physics Requirements</b>	<small>Prerequisite for CHEM121: C or better in CHEM 103, or pass Chem. Dept. Pretest. For more info-- <a href="http://www.unlv.edu/Colleges/Sciences/Chemistry/Placement">www.unlv.edu/Colleges/Sciences/Chemistry/Placement</a></small>					
	CHEM121/121L General Chemistry I		4			
	CHEM122/122L General Chemistry II		4			
	CHEM241 Organic Chemistry I		3			
	CHEM241L Organic Laboratory		1			
	CHEM242 Organic Chemistry II		3			
	CHEM242L Organic Laboratory		1			
	CHEM474 Biochemistry I			3		
	CHEM475 Biochemistry II			3		
	MATH181 Calculus I		4			
	Select either STA391 OR STA491			3		
	PHYS151/151L General Physics I		4			
PHYS152/152L General Physics II		4				
<b>Total Math, Statistics and Physics(37 required):</b>		<b>37</b>	<b>28</b>	<b>9</b>		
<b>ID #L000</b>					<b>Advisor Initials</b>	
<b>Lower Division Credits:</b>	(30 Resident Credits required)	<b>90</b>	Date: 1/24/2007		<b>130</b>	
<b>Upper Division Credits:</b>	(40 UD required)		<b>40</b>			
<b>Total Credits</b>	(Overall GPA 2.0 required) (124 required 1/1/2 from a 4-year institution): (Requires an overall GPA of 2.0 or better)					

**UNLV College of Sciences Advising Center  
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This worksheet is provided as a reference starting point and is not a substitute or replacement for the requirements of the UNLV 2004-2006 catalog. If there are any conflicts with the UNLV catalog or omissions or inclusions different from the appropriate catalog within this worksheet, the appropriate catalog shall control. There shall be no exceptions to this policy. All students are responsible for and expected to know the requirements of the appropriate catalog as applied to their particular status.