

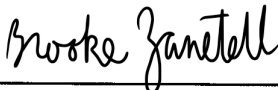







**UNIVERSITY OF NEW MEXICO - TAOS  
&  
NEW MEXICO HIGHLANDS UNIVERSITY**



**2021-2025**

UNM –Taos A.S. Pre-Science Pre-Biology Focus General Education Core 31 Credit Hours			NMHU B.S. Biology					
Course #	Course name	CH	UNM-Taos students who earn the Pre-Science, Pre-Biology focus degree (AS) as prescribed in this document will be admitted to NMHU as Juniors in the Biology (BS) program. Except for the exceptions established here all core and lower level requirements will be transferred or waived.  Any deviation from this prescribed agreement will require appropriate approval from UNM-Taos and/or NMHU.					
<b>Area I. Communications - 6 credits</b>						<b>NMHU Requirements</b>		
ENGL 1120	Composition II	3						
Choose One	One course from the UNM Core Curriculum in Area I: Communication	3						
<b>Area II. Mathematics - 3 credits</b>								
MATH 1220	College Algebra	3						
<b>Area III. Physical &amp; Natural Science - 4 credits</b>								
BIOL 1110/ 1110L	General Biology	4						
<b>Area IV. Social/Behavioral Sciences - 3 credits</b>								
Choose One	One course from UNM Core Curriculum in Area IV: Social Behavioral Science	3						
<b>Area V. Humanities - 3 credits</b>			PHYS 1240/ 1240L or PHYS 1320/1320L	Algebra based Physics II and Algebra based Physics II Lab or Calculus based Physics II Lecture and Lab	4			
Choose One	One course from UNM Core Curriculum in Area V: Humanities	3	BIOL 2620	Ecology & Evolution (replaces FORS 2020 at UNM-T)	4			
<b>Area VI. Second Language - 3 credits</b>			BIOL 3000	Genetics	4			
Choose One	One course from UNM Core Curriculum in Area VI: Languages	3	Choose one	BIOL 3010 General Microbiology BIOL 3020 Animal Structure & Function BIOL 3030 Plant Structure & Function	4 4 4			
<b>Area VII. Arts &amp; Design - 3 credits</b>			BIOL 3130	Diversity and Systematics	3			
Choose One	One course from UNM Core Curriculum in Area VII: Fine Arts	3	BIOL 3890 or BIOL 4760	Ecology or Evolution	4 3			
<b>Area VIII: Student Choice - 6 credits</b>			FORS 3400	Quantitative Methods	3			
Choose One	One course from the UNM general education program from Areas 1-7. <i>Recommend MATH 1240 Pre-Calculus</i>	3	BIOL 4050 or BIOL 4230	Bacterial Physiology or Molecular and Cell Biology	4 4			
Choose One	*Students who do not place into ENGL 1120 apply credit hours from ENGL 1110 (or ENGL 1110y or ENGL 1110z) to fulfill Area 8 credits.	3	CHEM 3410 or BIOL 2130	Organic Chemistry I or Intro to Biochemistry	4 4			
<b>Program Requirements - 27 credits</b>			BIOL 4910	Senior Project	3			
CHEM 1215/ 1215L	General Chemistry I for STEM Majors / General Chemistry I for STEM Majors Lab	4	BIOL 4980	Applied Biological Research	1-4			
CHEM 1225/1225L	General Chemistry II for STEM Majors / General Chemistry II for STEM Majors Lab	4	<b>Electives - 12 credits</b>					
PHYS 1230/1230L	Algebra based Physics I and Algebra based Physics I Lab	4	With the advice and consent of an advisor, students take an additional 12 credits in Biology		12+			
MATH 1512	Calculus I	4	*Note: Bachelor's Degrees Require 45 Upper Division Credits					
BIOL 2110C	Principles of Biology: Cellular and Molecular Lecture and Lab	4						
FORS 2020	Terrestrial Ecology (replaces BIOL 2620 at NMHU)	4						
SUST 2110	Climate Change & Sustainability	3						
<b>Elective – 3 credits</b>								
Choose One	Academically Transferable Course <i>*Consult an advisor</i>	3	UNM-Taos 61 credit hours					
<b>Total AS Credits 61</b>			NMHU 60 credit hours					
			<b>Total Credit Hours 121</b>					

Signatures/Date	Signatures/Date
University of New Mexico - Taos	New Mexico Highlands University
 Program Coordinator 3/10/21	 DN: cn=Jesus Rivas, o=New Mexico Highlands University, ou, email=rivas@nmhu.edu, c=US Date: 2021.02.04 11:09:02 -07'00' Department Chair
 C.I. Nicholls (Mar 18, 2021 14:24 MDT) Department Chair	 School Dean 2-11-21
Dean of Instruction 	VPAA  2/12/21