

First Year					
Fall Semester			Credits		
			Spring Semester		
			Credits		
NH 1500	Applications to Health	1	BHSC 1340	Human Cell Biology (N2) ²	4
ENGS 1001	Written Expression (WIL1) ²	3	BHSC 1980	Intro to Scientific Writing (WIL2) ²	3
CHEM 1400	General Chemistry I (N2) ²	4	CHEM 1450	General Chemistry II (N2) ²	4
HSCI 1100	Intro to Public Health (51) ²	3	(AHI, AH2, GC)	Catamount Core Elective	6
MATH 1212	Fund. of Calculus I (MA) ²	3			
		Semester Credits			Semester Credits
		14			17
					Total Academic Year Credits
					31
Second Year					
Fall Semester			Spring Semester		
ANPS 1190	Ugr Hum Anatomy & Phys I	4	ANPS 1200	Ugr Hum Anatomy & Phys II	4
STAT 1110	Elements of Statistics (QD) ² or	3	CHEM 1580	Intro to Organic Chemistry	4
or STAT 1410	Basic Statistical Methods I (QD) ²		NH 2200	Health Care Ethics	3
MMG 2010	Microbiology & Infectious Disease	4	(AHI, AH2, GC)	Catamount Core Elective	3
MLS 2010	Medical Diagnostics Techniques ¹	3			
		Semester Credits			Semester Credits
		14			14
					Total Academic Year Credits
					28
Third Year					
Fall Semester			Spring Semester		
BIOC 3001	Fundamentals of Biochemistry	3	MMG 3210	Adv Medical Microbiology ¹	3
PATH 2010	Intro to Human Disease	3	BHSC 3420	Immunology ¹	3
MLS 3100	Clinical Chemistry I ¹	3	or MMG 2320	Immunology ¹	
	Lab Course ³	1	BHSC 3440	Immunology Lab ¹	1
	Catamount Core Elective	3	MLS 3110	Clinical Chemistry II ¹	3
			MLS 3000	Applied Medical Diagnostics ¹	3
			BCOR 2500	Genetics	3
		Semester Credits			Semester Credits
		15			16
					Total Academic Year Credits
					31
Fourth Year					
Fall Semester			Winter Term		
BHSC 3810	Applied Molecular Bio ¹	3	MLS 3910	Fndtn of Interprofessionalism ¹	1
BHSC 3820	Applied Molecular Bio Lab ¹	1			
MLS 3200	Hematology ¹	3			
MLS 3300	Clinical Microbiology II ¹	3			
	Elective	6			
		Semester Credits			Semester Credits
		16			15
					Total Academic Year Credits
					31
					Total Cumulative Credits
					121

This curriculum is designed to meet the University's General Education and BMCS Major, ABS concentration requirements for graduation which includes a minimum of 121 semester credit hours and meeting the minimum GPA per program requirement. Changes should be reviewed with a student's academic advisor. ¹Professional Course. This plan of study is designed to meet the requirements for the ABS concentration. ²Courses designated to meet the University's Catamount Core general education requirements. ³Students must pick the addition of a lab course from one of the following: MLS 3120, MLS 3220, MMG 3220.