

Major Guide Sheet: B.S. in Biology, Concentration in Molecular Biology

Name: _____ Date of Entry: _____ USCID: _____

Advisor: _____ Bulletin Year: _____

GENERAL EDUCATION:	50-53 Hours		
	Sem	Grade	Credit
NATURAL SCIENCES			
CHEM A111 General Chemistry I			4
CHEM A112 General Chemistry II			4
HISTORY OF CIVILIZATION (HIST A101 or A102)			
HIST A10_			3
SOCIAL AND BEHAVIORAL SCIENCES (6 hrs—2 areas)*			
			3
			3
FOREIGN LANGUAGE (6-8 hrs—same language)			
			3-4
			3-4
HUMANITIES (9 hrs—two different areas)*			
			3
			3
			3
ENGLISH			
ENGL A101 Composition			3
ENGL A102 Composition & Literature			3
ORAL COMMUNICATION (COMM A201 OR A241)			
COMM A _____			3
MATHEMATICS (6-7 hrs—MATH A122 or A141 required)			
MATH A122 OR MATH A141			3-4
Additional hours to be taken from math/statistics/logic			
			3
AMERICAN POLITICAL INSTITUTIONS (POLI A201, HIST A201, or HIST A202)			
			3
*Three hours from Social & Behavioral Science or Humanities must be in Non-Western Studies			

- Non-Western requirement (3 hours)
 ICE Requirement Completed

MAJOR REQUIREMENTS	46-47 Hours		
Core Requirements (17 hours)	Sem	Grade	Credit
BIOL A121 Biological Science I			4
BIOL A122 Biological Science II			4
BIOL A350 Fundamental Genetics			3
BIOL A318 OR A370 – Evolution			3
BIOL 305 Elementary Biostatistics			3

ADDITIONAL REQUIREMENTS			
BIOL 330 Microbiology			4
BIOL A340 Virology			4
BIOL A 325 OR A360 – Physiology			4
BIOL A502 Eukaryotic Cell/Mol. Biol.			3
BIOL A541 Biochemistry I			4
BIOL A550 Immunology			3
BIOL A3 _____ (lab) OR A4 _____			3-4
BIOL/GEOL 490 Senior Seminar			1
AND BIOL A499 – Applied Resch.			3

COGNATE				12 Hours
CHEM A331/331L Organic Chem. I				4
PHYS A201 Physics I				4
Additional upper level chemistry or physics				
				4

ELECTIVES (8-12 hours)			

TOTAL HOURS (120 required for graduation) _____

- Writing Proficiency: Date Completed _____ Score _____
 Writing Intensive Crs. 1. _____
 (Prereq ENGL A101/102) 2. _____
 (One in Major) 3. _____