MOLECULAR & CELL BIOLOGY (BS)

Code	Title	Hours
BIOL-1121	General Biology I	4
BIOL-1122	General Biology II	4
BIOL-3370	Genetics	4
BIOL-3310	Biology III- Mechanisms of Evolution	3
BIOL-4475	Molecular & Cell Biology	4
THEO-3940	Christian Bioethics	3
BIOL-COMP	Senior Comprehensive Exam	NULL
Five 4-credit-hour advanced biology courses		**20**
4 of 5 Advanced Biology courses must come from this list:		
BIOL-3345	Developmental Biology	
BIOL-3346	Comparative Vertebrate Anatomy	
BIOL-3360	Microbiology	
BIOL-4410	Cancer Biology	
BIOL-4476	Immunology	
BIOL-4482	Animal Physiology	
BIOL-4484	Human Physiology & Disease	
CHEM-3510 & CHEM-3511	Biochemistry II and Biochemistry II Lab	
Chemistry minor required. For additional courses take CHEM-2210 & CHEM-2211 and CHEM-3500 & CHEM-3510 [1]		**20**
Required Supporting Courses		
Select one of the following:		4
MATH-1300	Calculus I (recommended)	
MATH-1250	Pre-Calculus	
Select one of the following:		4
BIOL-3305	Biological Statistics (recommended)	
MATH-1220	Introductory Statistics	
Select one of the following options		8
Option 1		
PHYS-2000	College Physics I	
PHYS-2101	Introductory Physics Laborartory I	
PHYS-2010	College Physics II	
PHYS-2111	Introductory Physics Lab II	
Option 2		
PHYS-2100	Classical Physics I	
PHYS-2111	Introductory Physics Lab II	
PHYS-2110	Classical Physics II	
PHYS-2111	Introductory Physics Lab II	
Total Hours		**78**

[1] Students need to declare and complete the Chemistry minor.