

MINOR IN MOLECULAR BIOLOGY, BIOCHEMISTRY AND BIOINFORMATICS

To fulfill the requirements for a Molecular Biology, Biochemistry and Bioinformatics minor, students must complete the following courses. A minimum of 15 units applied toward the minor must be earned at Towson University.

Code	Title	Units
Required Courses		
BIOL 200 & 200L	BIOLOGY I: INTRODUCTION TO CELLULAR BIOLOGY AND GENETICS [LECTURE] and BIOLOGY I: INTRODUCTION TO CELLULAR BIOLOGY AND GENETICS [LAB]	4
BIOL 309	GENETICS ¹	4
CHEM 131 & 131L	GENERAL CHEMISTRY I LECTURE and GENERAL CHEMISTRY I LABORATORY	4
CHEM 132 & 132L	GENERAL CHEMISTRY II LECTURE and GENERAL CHEMISTRY II LABORATORY	4
CHEM 333 & 333L	ESSENTIALS OF ORGANIC CHEM [LECTURE] and ESSENTIALS OF ORGANIC CHEMISTRY LABORATORY ²	5
Select two of the following:		7-8
BIOL 409	MOLECULAR BIOLOGY	
CHEM 351	BIOCHEMISTRY	
MBBB 301	INTRO TO BIOINFORMATICS	
Total Units		28-29

¹ BIOL 206 and BIOL 206L are prerequisites for BIOL 309.

² The requirement of CHEM 333 & CHEM 333L may also be satisfied with successful completion of CHEM 334, CHEM 336 & CHEM 337 (8 units total). Many graduate and professional programs require two terms of organic chemistry. Students who are contemplating education beyond the undergraduate level (graduate schools, medical school, etc.) should talk with an adviser.