

# MOLECULAR AND BIOMEDICAL BIOLOGY, MINOR

## Requirements

### Courses required for Molecular and Biomedical Biology Minor.

A minor in molecular and biomedical biology requires a minimum of 21 semester credit hours. All courses counted toward a minor in molecular and biomedical biology, must be applicable toward a major in molecular and biomedical biology. These hours must include:

Code	Title	Credits
<b>Required courses:</b>		
BIOL 1450	BIOLOGY I	5
BIOL 1750	BIOLOGY II	5
BIOL 2140	GENETICS	4
BIOL 3020	MOLECULAR BIOLOGY OF THE CELL	3
<b>In addition, select one 4000-level Biology lecture + lab course from the Molecular and Biomedical Biology major course options, listed below:</b>		<b>4-5</b>
BIOL 4130	MOLECULAR GENETICS (4 hrs for lec + lab)	
BIOL 4140	CELLULAR BIOLOGY (4 hrs for lec + lab)	
BIOL 4450 & BIOL 4454	VIROLOGY and VIROLOGY LABORATORY (4450 lec + 4454 lab, 4 hrs total)	
BIOL 4460	COMPARATIVE IMMUNOLOGY (4 hrs for lec + lab)	
BIOL 4640	MOLECULAR MICROBIOLOGY (4 hrs for lec + lab)	
BIOL/CHEM 4650	BIOCHEMISTRY I (4650 lec + following 4654 lab, 4 hrs total)	
BIOL/CHEM 4654	BIOCHEMISTRY I LABORATORY (1 hr)	
BIOL/CHEM 4660	BIOCHEMISTRY II (4660 lec + following 4664 lab, 4 hrs total)	
BIOL/CHEM 4664	BIOCHEMISTRY II LABORATORY (1 hr)	
BIOL 4810	BEHAVIORAL GENETICS (4 hrs for lec + lab)	
BIOL 4850 & BIOL 4830	DEVELOPMENTAL BIOLOGY and DEVELOPMENTAL GENETICS (4850 lec + 4830 lab, 5 hrs total)	
<b>TOTAL</b>		<b>21-22</b>

Students transferring biology credits are required to take a minimum of two 3000 or 4000-level courses at UNO. Students may not earn a molecular and biomedical biology minor if they earn a biology major.