B.S. in Biology, Cellular & Molecular Biology option – four year graduation plan

This is an example of a four year graduation plan for a degree in Biology, with the Cellular & Molecular option.

Year 1

**Autumn**
- BIOB 160N/161N—Principles Living Systems/Lab (4)  
- CHMY 141N/142N—College Chemistry I/Lab (5)  
- M 162—Applied Calculus (4)  
- Elective (1)  
  Total: 14 credits

**Spring**
- BIOB 170N/171N—Biological Diversity/Lab (5)  
- CHMY 143N/144N—College Chemistry II/Lab (5)  
- WRIT 101—College Writing I (3)  
  General Education Requirement (3)  
  Total: 16 credits

Year 2

**Autumn**
- BIOB 260—Cell and Molecular Biology (4)  
- CHMY 221/222—Organic Chemistry I/Lab (5)  
- BIOM 360/361—General Microbiology/Lab (5)  
- Elective (1)  
  Total: 15 credits

**Spring**
- BIOB 272—Genetics and Evolution (4)  
- CHMY 223/224—Organic Chemistry II/Lab (5)  
- Intermediate Writing Course (3)  
  General Education Requirement (3)  
  Total: 15 credits

Year 3

**Autumn**
- BCH 480—Advanced Biochemistry I (3)  
- BIOB 301—Developmental Biology (3)  
- PHSX 205N/206N—College Physics I/Lab (5)  
- Elective (4)  
  Total: 15 credits

**Spring**
- BCH 482—Advanced Biochemistry II (3)  
- BIOB 425—Advanced Cell & Molecular Biology (3)  
- PHSX 207N/208N—College Physics II/Lab (5)  
- General Education Requirement (3)  
  Total: 14 credits

Year 4

**Autumn**
- 1BIOB 410—Immunology (3)  
- 2BIOB 411—Immunology Lab (2)  
- 1CHMY 311—Analytical Chemistry (4)  
  General Education Requirement (3)  
  Upper Division Elective (3)  
  Total: 15 credits

**Spring**
- 1BIOB 375—General Genetics (3)  
- 2BIOM 410—Microbial Genetics (3)  
- 1BIOM 411—Experimental Microbial Genetics (1)  
  General Education Requirements (6)  
  Upper Division Elective (3)  
  Total: 16 credits

1Eligibility depends on placement exams  
2See catalog or DBS Advising Office for details on alternative course choices.