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

### Spring
- BIOL 375—General Genetics (3)
- CHMY 490—Advanced Undergraduate Research (1)
- General Education Requirements (6)
- Upper Division Elective (3)
- Total: 16 credits

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1 Eligibility depends on placement exams

2 See catalog or DBS Advising Office for details on alternative course choices.