

MOLECULAR AND CELL BIOLOGY, B.S.

FOUR-YEAR PLAN

SAMPLE FOUR-YEAR PLAN

This Sample Four-Year Plan is a tool to assist students and their advisor(s). Students should use it—along with their DARS report, the Degree Planner, and Course Search & Enroll tools—to make their own four-year plan based on their placement scores, credit for transferred courses and approved examinations, and individual interests. As students become involved in athletics, honors, research, student organizations, study abroad, volunteer experiences, and/or work, they might adjust the order of their courses to accommodate these experiences. Students will likely revise their own four-year plan several times during college.

Freshman

| Fall | Credits | Spring | Credits |
|------------------------------|-----------|--------------------|-----------|
| Communication A | 3 | MATH 221 | 5 |
| Quantitative Reasoning A | 3-5 | Ethnic Studies | 3 |
| CHEM 103 | 4 | CHEM 104 | 5 |
| Foreign Language (if needed) | 3-4 | Humanities Breadth | 2 |
| | 15 | | 15 |

Sophomore

| Fall | Credits | Spring | Credits |
|--------------------------------|-----------|--------------------------------|-----------|
| ZOOLOGY/BIOLOGY/ BOTANY 151 | 5 | ZOOLOGY/BIOLOGY/ BOTANY 152 | 5 |
| CHEM 343 | 3 | CHEM 344 | 2 |
| Social Science Breadth | 3 | CHEM 345 | 3 |
| Humanities Breadth | 3 | STAT 371 | 3 |
| INTER-LS 210 ¹ | 1 | Elective | 2 |
| | 15 | | 15 |

Junior

| Fall | Credits | Spring | Credits |
|------------------------|-----------|-----------------------------|-----------|
| PHYSICS 207 | 5 | PHYSICS 208 | 5 |
| GENETICS 466 | 3 | BIOCHEM 501 | 3 |
| ZOOLOGY 570 | 3 | Literature Breadth | 3 |
| Social Science Breadth | 3 | MOL BIOL 699 or Elective | 3 |
| MOL BIOL 699 | 1-4 | | |
| | 16 | | 14 |

Senior

| Fall | Credits | Spring | Credits |
|-----------------------------|---------|-----------------------------|---------|
| Depth Coursework | 3 | Depth Coursework | 3 |
| Laboratory Course | 2-4 | MOL BIOL 699 or Elective | 3 |
| MOL BIOL 699 or Elective | 3 | Literature Breadth | 3 |
| Social Science Breadth | 3 | Social Science Breadth | 3 |

| | | |
|----------|------------|-----------|
| Elective | 3 Elective | 3 |
| | 15 | 15 |

Total Credits 120

1

INTER-LS 210 L&S Career Development: Taking Initiative is an option, but not required for students pursuing the Molecular and Cell Biology major.