

Biology: Molecular Biology 2-Year Transfer Pathway

This pathway assumes students have completed Calculus I, General Chemistry I and II, Physics I, and a Cell and Molecular Biology Course for Biology Majors including Animal Physiology, and CSU GE & American Institutions.

| Fall Junior Courses (14 units total) | Course or GE Title | Units | GE/Major |
|--|---|-----------|-------------|
| BIO 211 | Ecology, Evolution, Biodiv & Plants | 4 | Major |
| BIO211L | Ecology, Evolution, Biodiv & Plants Lab | 1 | Major |
| STAT 250 | Applied Stats for Science & Tech | 4 | Major |
| CHEM 211 | Organic Chemistry I | 5 | Major |
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| Spring Junior Courses (16 units total) | Course or GE Title | Units | GE/Major |
| BIO 311 | Genetics | 4 | UDB, core |
| BIO 310 or CHEM 310 | Biochemistry I | 3 | Conc |
| BIO 320 or BIO 322 | Microbiology or Plant Pathology | 4 | Conc |
| BIO 301 | Research & Technical Writing in Biology | 2 | GWAR, Core |
| SPAN 340 or 350 or JAPN 340 or 350 | UD C with World Culture & languages | 3 | UDC, WCL |
| Fall Senior Courses (14 units total) | Course or GE Title | Units | GE/Major |
| BIO 330 or BIO 332 or BIO 341 or BIO 370 | Physiology or Evolutionary Biol course | 3 | Conc |
| BIO 378S or BIO 379S | Health Sci Svc Lrn or Biology Svc Learn | 3 | UDSL, Major |
| BIO 320 or 322 or 344L or 380 | Additional BIO Research Methods | 4 | Conc |
| Group A Elective | Major elective from Group A | 4 | Conc |
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| Spring Senior Courses (15 units total) | Course or GE Title | Units | GE/Major |
| Concentration Restricted Elective | Concentration elective | 4 | Conc |
| Group A Elective | Major elective from Group A | 4 | Conc |
| Group B Elective | Major elective from Group B | 1 | Conc |
| BIO 421 + BIO 492 or other Integ Learning | Integrative Learning/Capstone | 4 | Conc |
| HCOM 343 353,369,393, HDFS 320,321; LS 310,362; PH417; or SBS 304,320,364 | UD Social Science with Ethnic Studies | 3 | UDD, ES |
| Total Molec Biol Transfer pathway: | | 60 | |