

2025-2026 Biological Sciences Degree Requirements – STUDENT WORKSHEET

Required Courses in related fields

Mathematics

- ___ MATH 214 **OR** MATH 218-3 **OR** MATH 220-2 **OR** MATH 224
A course in statistics

Chemistry

- ___ CHEM 132 **OR** CHEM 152 **OR** CHEM 172
___ CHEM 212-1,2 **OR** CHEM 215-1, 2 **OR** CHEM 217-1,2

Physics

- PHYSICS 130-1,2 **OR** PHYSICS 135-1,2 **OR** PHYSICS 125-1,2

Required Courses in Biological Sciences for all majors

****Note that the following courses are CO-Requisites: 202/240 & 232; 203/241 & 233**

3 200 level lectures:

- BIOL_SCI 201 Molecular Biology **OR** BIOL_SCI 239 Fundamentals of Biological Mechanisms
BIOL_SCI 202 Cellular Biology **OR** BIOL_SCI 240 Fundamentals of Cellular Processes
BIOL_SCI 203 Genetics & Evolution **OR** BIOL_SCI 241 Fundamentals of Multicellular Complexity

3 Laboratories:

- BIOL_SCI 232 Molecular Biology Laboratory
BIOL_SCI 233 Cellular Processes Laboratory
BIOL_SCI 234 Investigative Laboratory

1 Biochemistry course:

- BIOL_SCI 301 Principles of Biochemistry

3 Concentration courses: (use concentration worksheet)

- BIOL_SCI
BIOL_SCI
BIOL_SCI

2 Elective Courses

- BIOL_SCI
BIOL_SCI

****NOTE:** Our Biochemistry & Biophysics Concentration is **not** available if a student is also doing a Biochemistry concentration within the Chemistry major. Similarly, our Molecular Neurobiology concentration is **not** available if a student is also a Neuroscience major. A student using a class for **both** an Elective and the coding requirement in the Computational and Systems Biology concentration, **may not also** be using it toward another Major or Minor.