

2020-2021 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 210-1,2 **OR** CHEM 212-1,2

Physics

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

Required Courses in Biological Sciences for all majors

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

3 200 level lectures:

- 201 Molecular Biology
- 202 Cellular Biology
- 203 Genetics & Evolution

3 Laboratories:

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

1 Biochemistry course:

- 301 Principles of Biochemistry

3 Concentration courses: (use concentration worksheet)

- BIOL_SCI
- BIOL_SCI
- BIOL_SCI

2 additional 300 level electives*:

- BIOL_SCI
- BIOL_SCI

(*These 300 level BIOL SCI Elective course **cannot be** a 398 or 399. Also please note: 1 of the 2 300 level electives is the **only** requirement to which an HPME waiver may be applied.)

****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.