B.S. in Biology, Human Biological Sciences concentration (advanced chemistry) – four-year graduation plan

*This is an example of a four-year graduation plan for a degree in Biology, with the Human Biological Sciences concentration (choosing advanced chemistry). Courses marked with * are electives within the major; other choices are available.*

Year 1

Autumn

BIOB 160N/161N—Principles Living Systems/Lab (4)
! CHMY 141N/142N—College Chemistry I/Lab (5)
! M 171—Calculus I (4) *[or M 162 Applied Calculus]*
Elective (1)
Total: 14 credits

Spring

BIOB 170N/171N—Biological Diversity/Lab (5)
CHMY 143N/144N—College Chemistry II/Lab (5)
General Education Requirement (3)
! WRIT 101—College Writing I (3)
Total: 16 credits

Year 2

Autumn

BIOB 260—Cell and Molecular Biology (4)
CHMY 221/222—Organic Chemistry I/Lab (5)
Intermediate Writing Course (3)
STAT 216—Intro to Statistics (4)
Total: 16 credits

Spring

BIOB 272—Genetics and Evolution (4)
CHMY 223/224—Organic Chemistry II/Lab (5)
PSYX 100S—Introduction to Psychology (3)
General Education Requirement (3)
Total: 15 credits

Year 3

Autumn

BIOH 365/366—Human A&P I for Health Prof. (4)
*BCH 480—Advanced Biochemistry I (3)
PHSX 205N/206N—College Physics I/Lab (5)
General Education Requirement (3)
Total: 15 credits

Spring

BIOH 370/371—Human A&P II for Health Prof. (4)
*BCH 482—Advanced Biochemistry II (3)
PHSX 207N/208N—College Physics II/Lab (5)
Upper Division Elective (3)
Total: 15 credits

Year 4

Autumn

BIOB 301—Developmental Biology (3)
*BIOB 410—Immunology (3)
BIOM 360—General Microbiology (3)
General Education Requirement (3)
Upper Division Elective (2)
Elective (1)
Total: 15 credits

Spring

BIOB 375—General Genetics (3)
*BIOB 425—Adv. Cell and Molecular Biology (3)
General Education Requirement (3)
Upper Division Elective (5)
Total: 14 credits

! Eligibility depends on placement exams *9/15/23*
**See catalog or your advisor for details on alternative course choices.*