B.S. in Biology, Human Biological Sciences option (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 option (choosing advanced chemistry).

### Year 1

**Autumn**
- BIOB 160N/161N—Principles Living Systems/Lab (4)
- CHMY 141N—College Chemistry I (5)
- M 162—Applied Calculus (4)
- Elective (1)

**Spring**
- BIOB 170N/171N—Biological Diversity/Lab (5)
- CHMY 143N—College Chemistry II (5)
- General Education Requirement (3)

**Total:** 14 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)

**Spring**
- BIOB 272—Genetics and Evolution (4)
- CHMY 223/224—Organic Chemistry II/Lab (5)
- PSYX 100S—Introduction to Psychology (4)

**Total:** 16 credits

### Year 3

**Autumn**
- BIOH 365—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)

**Spring**
- BIOH 370—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**
- BIOH 375—General Genetics (3)
- BIOB 410—Advanced Biochemistry I (3)
- BIOM 360/361—General Microbiology/lab (5)
- General Education Requirement (3)

**Spring**
- BIOB 425—Adv. Cell and Molecular Biology (3)
- General Education Requirement (3)

**Total:** 14 credits

---

1 Eligibility depends on placement exams
2 See [catalog](#) or DBS Advising Office for details on alternative course choices.