

## BIOCHEMISTRY MAJOR<sup>1</sup>

### Program Learning Outcomes (PLOs):

1. Understanding of chemical issues.
2. Skills in research techniques.
3. Research and data interpretation.
4. Communication skills.

### First Year Courses

Fall Semester	Spring Semester
BIO 123 + 123L (PLO 1) CHM 111 (PLO 1, 2) MTH 222 (PLO 1)	CHM 112 (PLO 1, 2, 3, 4)

### Second Year Courses

Fall Semester	Spring Semester
BIO 223 (PLO 1) CHM 201 (PLO 1, 2, 3, 4) PHY 101 (PLO 1)	CHM 202 (PLO 1, 2, 3, 4) CHM 210 (PLO 1, 2, 3, 4) PHY 102 (PLO 1) BIO 224 (PLO 1) or BIO 363 (PLO 1)

### Third Year Courses

Fall Semester	Spring Semester
BCH 316 + 316L (PLO 1, 2, 3, 4)	CHM 307 (PLO 1) CHM 445 (PLO 2, 3, 4) BCH 416 or BCH 425 (PLO 3, 4)

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<sup>1</sup> This 4 year plan/curriculum map is for informational purposes and reflects the 2020-2021 Undergraduate Catalog. All Heidelberg students are strongly encouraged to work with their academic advisors to develop an individualized 4 year plan.



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#### Fourth Year Courses

Fall Semester	Spring Semester
CHM 446 (PLO 2, 3, 4)	BCH 416 or BCH 425 (PLO 3, 4 - BCH 425 ONLY)