



University of Hawai'i at Mānoa – Four-Year Academic Plan 2013-2014
Colleges of Arts and Sciences
Bachelor of Science (BS) in Biochemistry

This is a sample academic plan. Students should meet with an academic advisor prior to registration to formulate their own plan.

| Year 1 | | Year 2 | | Year 3 | | Year 4 | |
|---------------------------|-----------|----------------------|-----------|-------------------------|-----------|-----------------------|------------|
| Fall | | Fall | | Fall | | Fall | |
| CHEM 161 (DP) | 3 | NI CHEM 272 | 3 | NI CHEM 361 | 3 | NI CHEM 463L | 2 |
| CHEM 161L (DY) | 1 | NI CHEM 272L | 2 | NI CHEM 372 | 3 | NI BIOL/MBBE/PEPS 402 | 4 |
| NI MATH 215/241/251A (FS) | 4 | PHYS 170 | 4 | NI HSL 201 | 3 | NI Major Elective | 3 |
| BIOL 171 (DB) | 3 | PHYS 170L | 1 | DS | 3 | NI DA/DH/DL | 3 |
| BIOL 171L (DB) | 1 | HSL 101 | 3 | DA/DH/DL | 3 | Elective | 3 |
| FW | 3 | FG (A/B/C) | 3 | | | | |
| Credits | 15 | Credits | 16 | Credits | 15 | Credits | 15 |
| Spring | | Spring | | Spring | | Spring | |
| CHEM 162 | 3 | NI CHEM 273 | 3 | NI CHEM 274 | 3 | NI CHEM 462 | 3 |
| CHEM 162L | 1 | NI CHEM 273L | 1 | NI CHEM 274L | 2 | NI Major Elective | 3 |
| NI MATH 242/252A | 4 | NI BIOL 275 | 3 | NI Major Elective | 3 | NI Major Elective Lab | 2 |
| BIOL 172 | 3 | NI BIOL 275L | 1 | NI Major Elective (Lab) | 2 | Elective | 3 |
| BIOL 172L | 1 | NI PHYS 272 | 3 | NI HSL 202 | 3 | Elective | 3 |
| FG (A/B/C) | 3 | NI PHYS 272L | 1 | DS | 3 | Elective | 1 |
| | | HSL 102 | 3 | | | | |
| Credits | 15 | Credits | 15 | Credits | 16 | Credits | 15 |
| Summer | | Summer | | Summer | | Summer | |
| | | | | | | | |
| Credits | 0 | Credits | 0 | Credits | 0 | Credits | 0 |
| Total Credits | 30 | Total Credits | 61 | Total Credits | 92 | Total Credits | 122 |

Notes:

Students must take placement exams to be able to register for CHEM 161 and MATH 215 or 241. CHEM 422 is a prerequisite for CHEM 425/425L.

Biochemistry may be fulfilled by taking CHEM 372, BIOL/MBBE 402, or BIOC 441.

Students must incorporate all focus requirements into this plan.

60 non-introductory credits are required for A&S Natural Sciences majors.