



University of Hawai'i at Mānoa – Four-Year Academic Plan 2016-2017
Colleges of Arts and Sciences
Bachelor of Arts (BA) in Microbiology

SAMPLE

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 | |
| BIOL 171 or 172 (DB) | 3 | CHEM 272 | 3 | Group 1 | 3 | Group 1 | 3 |
| BIOL 171L or 172L (DY) | 1 | CHEM 272L | 2 | Group 2 | 2 | Group 2 | 2 |
| CHEM 161 (DP) | 3 | PHYS 151/151L or | 4 | DA/DH/DL | 3 | Group 3 | 3 |
| CHEM 161L (DY) | 1 | 170/170L | | DS | 3 | Elective | 3 |
| MATH 215 (FS) | 4 | HSL 101 | 3 | HSL 201 | 3 | Elective | 3 |
| FW | 3 | FG (A/B/C) | 3 | | | | |
| Credits | 15 | Credits | 15 | Credits | 14 | Credits | 14 |
| Spring | | Spring | | Spring | | Spring | |
| BIOL 172 or 171 (DB) | 3 | BIOL 275 | 3 | MICR 351 | 3 | Group 1 | 3 |
| BIOL 172L or 171L (DY) | 1 | BIOL 275L | 1 | MICR 351L | 2 | Group 3 | 3 |
| CHEM 162 | 3 | CHEM 273 | 3 | HSL 202 | 3 | Group 3 | 3 |
| CHEM 162L | 1 | PHYS 152/152L or | 4 | DA/DH/DL | 3 | Elective | 3 |
| FG (A/B/C) | 3 | 272/272L | | Elective | 3 | Elective | 2 |
| DS | 3 | HSL 102 | 3 | | | | |
| Credits | 14 | Credits | 14 | Credits | 14 | Credits | 14 |
| Summer | | Summer | | Summer | | Summer | |
| Elective | 3 | Elective | 3 | | | | |
| Credits | 3 | Credits | 3 | Credits | 0 | Credits | 0 |
| Total Credits | 32 | Total Credits | 64 | Total Credits | 92 | Total Credits | 120 |

Notes:

Students must take placement exams to be able to register for CHEM 161 and MATH 215 or 241.

Students must incorporate all focus requirements into this plan. Focus designations (i.e., W, E, O, H) are CRN specific & semester specific.

Minimum 45 upper division (300+ course) credits are required.

Microbiology BA Group Electives

Group 1 (9 credits of the following): MICR 361, 401, 431, 461, 463, 470, 475, 485, or 490

Group 2 (4 credits of the following): MICR 401L, 431L, 461L, 463L, 470L, 475L, 485L, or 490L

Group 3 (9 credits of the following): Any 300+ level MICR course not used to satisfy Group 1 or 2; BIOC 441; BIOL 375/375L, 407 or 408; BOT 430/430L or 480; CHEM 351, 352; FSHN 403 or 430; MICR 499; PEPS 405 or 486; PH 663; ZOOL 340/340L, 416, 417, 631, or 632; or additional courses with approval from a Microbiology advisor.

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