University of Hawai‘i at Mānoa  
Colleges of Arts & Sciences Program Sheet 2017-2018  
Bachelor of Arts (BA) in Microbiology  
Admissions: Open  
Process: Declaration  
Min. Total Credits: 120 (100 in core & major + 20 in electives)  

### UHM General Education Core Requirements

| Foundations          |  |
|----------------------|  |
| FW ENG 100, 100A, 190, ESL 100, or AMST 111 |  |
| FS MATH 215, 241, or 251A |  |
| FG (A / B / C)       |  |
| FG (A / B / C)       |  |

| Diversification     |  |
|---------------------|  |
| DA / DH / DL        |  |
| DA / DH / DL        |  |
| DB BIOL 171         |  |
| DP CHEM 161         |  |
| DY CHEM 161L, BIOL 171L, BIOL 172L |  |
| DS                  |  |
| DS                  |  |

* See degree, college and major requirements for courses that can also fulfill these.

### UHM Graduation Requirements

#### Focus
- H
- E (300+)
- O (300+)
- W
- W
- W
- W (300+)
- W (300+)

#### Hawaiian / Second Language
- 101
- 102
- 201
- 202

#### Credit Minimums
- 120 total applicable
- 30 in residence at UHM
- 45 upper division (300+ level) credits

#### Grade Point Average
- 2.0 cumulative or higher (Note: Other GPAs may be required.)
- Good academic standing

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This program sheet was prepared to provide information and does not constitute a contract. See back for major requirements.  
Meet regularly with your major advisor.
Major Requirements for BA in Microbiology

Admission: Open

Application: NA

Min. major credits: 27 (67-68 with related requirements)

Min. C grade (not C-) in all prerequisite courses

Requirements

Microbiology Related Requirements (40-41 credits)

- BIOL 171* / 171L
- BIOL 172* / 172L
- BIOL 275 / 275L (Fall and Summer)
- CHEM 161* / 161L
- CHEM 162 / 162L
- CHEM 272 / 272L
- CHEM 273
- PHYS 151* / 151L or PHYS 170* / 170L
- PHYS 152* / 152L or PHYS 272* / 272L
- MATH 215* or 241*

Microbiology Core Courses (5 credits)

- MICR 351 / 351L (Spring and Summer)

Additional Courses (22 credits; see department for approved choices; see catalog for prerequisites)

9 credits from Group 1: MICR 361, 401, 431, 461, 463, 470, 475, 485, 490

- _________ - _________ - _________ - _________ - _________

4 credits from Group 2: MICR 401L, 461L, 463L, 475L, 485L, 490L

- _________ - _________ - _________ - _________ - _________

9 credits of approved Group 3 major electives:

- _________ - _________ - _________ - _________ - _________

Notes

Department of Biology Advising: Edmondson 216; (808) 956-5911; bioadvis@hawaii.edu
To schedule an advising appointment, visit manoa.hawaii.edu/biology/advising.
Microbiology Department: Snyder 207; (808) 956-8553; www.hawaii.edu/microbiology/lab/
Microbiology Undergraduate Advisor: Jain Pak; (808) 956-8303; jainpak@hawaii.edu

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