



University of Hawai'i at Mānoa
Colleges of Arts & Sciences Program Sheet 2016-2017
Bachelor of Arts (BA) in Microbiology
Admissions: Open Process: Declaration
Min. Total Credits: 120 (105 in core & major + 15 in electives)

UHM General Education Core Requirements
Foundations
<input type="checkbox"/> FW ENG 100, 100A, 190, ESL 100, or AMST 111
<input type="checkbox"/> FS MATH 215, 241, or 251A
<input type="checkbox"/> FG (A / B / C)
<input type="checkbox"/> FG (A / B / C)
Diversification
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DB BIOL 171
<input type="checkbox"/> DP CHEM 161
<input type="checkbox"/> DY CHEM 161L, BIOL 171L, BIOL 172L
<input type="checkbox"/> DS
<input type="checkbox"/> DS
<i>* See degree, college and major requirements for courses that can also fulfill these.</i>
UHM Graduation Requirements
Focus
<input type="checkbox"/> H
<input type="checkbox"/> E (300+)
<input type="checkbox"/> O (300+)
<input type="checkbox"/> W
<input type="checkbox"/> W
<input type="checkbox"/> W
<input type="checkbox"/> W (300+)
<input type="checkbox"/> W (300+)
Hawaiian / Second Language
<input type="checkbox"/> 101
<input type="checkbox"/> 102
<input type="checkbox"/> 201
<input type="checkbox"/> 202
Credit Minimums
• 120 total applicable
• 30 in residence at UHM
• 60 non-introductory
Grade Point Average
• 2.0 cumulative or higher (<i>Note: Other GPAs may be required.</i>)
• Good academic standing

Degree Requirements
College Requirements
Credit Maximums
• 8 KRS activity
• 9 Directed Reading / Research
• 12 Practicum / Internship

*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: 23 (66-68 with related requirements)

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

Requirements

Microbiology Related Requirements (39-41 credits)

BIOL 171*^{DB} / 171L*^{DY}

BIOL 172*^{DB} / 172L*^{DY}

BIOL 275 / 275L *(Spring and Summer only)*

CHEM 161*^{DP} / 161L*^{DY}

CHEM 162 / 162L

CHEM 272 / 272L

CHEM 273

PHYS 151*^{DP} / 151L*^{DY} **or** 170*^{DP} / 170L*^{DY}

PHYS 152*^{DP} / 152L*^{DY} **or** 272*^{DP} / 272L*^{DY}

MATH 215*^{FS} **or** 216*^{FS} **or** 241*^{FS} **or** 242*^{FS}

Microbiology Core Courses (5 credits)

MICR 351 / 351L *(Spring only)*

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, 431L, 461L, 463L, 475L, 485L, 490L

_____ _____ _____ _____

9 credits of approved Group 3 major electives:

_____ _____ _____ _____

Notes

Department of Biology Advising: Edmondson 216; (808) 956-8303; bioadvise@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: Cheri Kau; (808) 956-6174; cherikau@hawaii.edu