



University of Hawai'i at Mānoa
Colleges of Arts & Sciences Program Sheet 2016-2017
Bachelor of Science (BS) in Botany
Admissions: Open Process: Declaration
Min. Total Credits: 120 (97 in core & major + 23 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 252A
<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, BOT 101
<input type="checkbox"/> DP CHEM 161
<input type="checkbox"/> DY BIOL 171L, BOT 101L, CHEM 161L
<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
• 36 upper division (300+ level) credits
Grade Point Average
• 2.0 cumulative or higher (<i>Note: Other GPAs may be required.</i>)
• Good academic standing

Degree Requirements
Bachelor of Science Requirements
<input type="checkbox"/> Calculus I
<input type="checkbox"/> Calculus II
<input type="checkbox"/> Chemistry I with lab
<input type="checkbox"/> Chemistry II with lab
<input type="checkbox"/> Physics I with lab
<input type="checkbox"/> Physics II with lab
<i>Refer to major requirements for the specific courses that satisfy these requirements.</i>
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 BS in Botany

Admission: Open

Application: NA

Min. major credits: 48 (76 with related requirements)

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

Requirements

Seminars (4 credits)

- BOT 100 (Fall only)
- BOT 200 (Fall only)
- BOT 300 (Fall only)
- BOT 400 (Spring only)

Botany and Biology Requirements (29 credits)

- BOT 101*^{DB} / 101L*^{DY} (Spring and Summer only)
- BOT 201 / 201L (Fall only)
- BOT 202 / 202L (Fall only)
- BOT 420 (Spring only)
- BIOL 171*^{DB} / 171L*^{DY}
- BIOL 275 / 275L (Spring and Summer only)
- BIOL 375 / 375L (Fall only)

Botany Elective Courses (15 credits)

- At least one of Group 1: Systematics & Evolution
BOT 430/430L, 461, 462, or 480
- At least one of Group 2: Ecology, Conservation, & Natural History
BOT 301/301L, 303, 350, 440, 444, 450, 454, or 456
- Other electives from the categories above or below to reach the required number of elective credits:
Ethnobotany: BOT 440, 442, 444, 446
Miscellaneous electives: BOT 302, 399 (may be repeated one time), or 401

Other Required Courses (28 credits)

- CHEM 161*^{DP}/161L*^{DY}
- CHEM 162 /162L
- CHEM 272 /272L
- PHYS 151*^{DP}/151L*^{DY}
- PHYS 152*^{DP}/152L*^{DY}
- MATH 215*^{FS} or 241*^{FS} or 251A*^{FS}
- MATH 216 or 242 or 252A

Notes

Department of Biology Advising: Edmondson 216; (808) 956-8303; bioadvise@hawaii.edu
To schedule an advising appointment, visit manoa.hawaii.edu/biology/advising.
Department of Botany: St. John 101; (808) 956-8369; www.botany.hawaii.edu