# 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

<table>
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<tr>
<th>Foundations</th>
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<tr>
<td>FW ENG 100, 100A, 190, ESL 100, or AMST 111</td>
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<td>FS MATH 215, 241, or 252A</td>
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<td>FG (A / B / C)</td>
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<th>Diversification</th>
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<tr>
<td>DA / DH / DL</td>
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<tr>
<td>DB BIOL 171, BOT 101</td>
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<td>DP CHEM 161</td>
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<tr>
<td>DY BIOL 171L, BOT 101L, CHEM 161L</td>
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* 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
- 36 upper division (300+ level) credits

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

## Degree Requirements

### Bachelor of Science Requirements
- Calculus I
- Calculus II
- Chemistry I with lab
- Chemistry II with lab
- Physics I with lab
- Physics II with lab

*Refer to major requirements for the specific courses that satisfy these requirements.*

### College Requirements

### Credit Maximums
- 8 KRS activity
- 9 Directed Reading / Research
- 12 Practicum / Internship

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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 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* / 101L* (Spring and Summer only)
- BOT 201 / 201L (Fall only)
- BOT 202 / 202L (Fall only)
- BOT 420 (Spring only)
- BIOL 171* / 171L* (Spring and Summer only)
- BIOL 275 / 275L (Fall 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* / 161L* (Spring and Summer only)
- CHEM 162 / 162L
- CHEM 272 / 272L
- PHYS 151* / 151L* (Spring and Summer only)
- PHYS 152* / 152L* (Spring and Summer only)
- MATH 215* or 241* or 251A*
- MATH 216 or 242 or 252A

Notes

Department of Biology Advising: Edmondson 216; (808) 956-8303; bioadvis@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