



**University of Hawai'i at Mānoa**  
**Colleges of Arts & Sciences Program Sheet 2012-2013**  
**Bachelor of Science (BS) in Botany**  
**Admissions: Open Process: Declaration**  
**Min. Total Credits: 120 (115 in core & major + 5 in electives)**

**UHM General Education Core Requirements**

<b>Foundations</b>
<input type="checkbox"/> FW
<input type="checkbox"/> FS
<input type="checkbox"/> FG (A / B / C)
<input type="checkbox"/> FG (A / B / C)
<b>Diversification</b>
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DB
<input type="checkbox"/> DP
<input type="checkbox"/> DY
<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**

<b>Focus</b>
<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+)
<b>Hawaiian / Second Language</b>
<input type="checkbox"/> 101
<input type="checkbox"/> 102
<input type="checkbox"/> 201
<input type="checkbox"/> 202
<b>Credit Minimums</b>
• 120 total applicable
• 30 in residence at UHM
• 60 non-introductory
<b>Grade Point Average</b>
• 2.0 cumulative or higher ( <i>Note: Other GPAs may be required.</i> )
• Good academic standing

**Degree Requirements**

<b>Bachelor of Science Requirements</b>
<input type="checkbox"/> MATH 215*FS or 241*FS
<input type="checkbox"/> MATH 216 or 242
<input type="checkbox"/> DB course
<input type="checkbox"/> CHEM 161*DP / <input type="checkbox"/> 161L*DY
<input type="checkbox"/> CHEM 162*DP / <input type="checkbox"/> 162L*DY
<input type="checkbox"/> PHYS 151*DP or 170*DP / <input type="checkbox"/> 151L*DY or 170L*DY
<input type="checkbox"/> PHYS 152*DP or 272*DP / <input type="checkbox"/> 152L*DY or 272L*DY
<b>College Requirements</b>
See degree requirements above.
<b>Credit Maximums</b>
• 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: 55 (82 with related requirements)

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

### Requirements

#### Seminars (4 credits)

BOT 100 /  BOT 200 /  BOT 300 /  BOT 400

#### Botany and Biology Requirements (42 credits)

BOT 101\*DB /  101L\*DY

BOT 201\*DB /  201L\*DY

BOT 202\*DB /  202L\*DY

BOT 203

BOT 301\*DB /  301L\*DY

BOT 302

BOT 420\*DB /  420L\*DY

BOT 462

BIOL 171\*DB / 171L\*DY

BIOL 275\*DB / 275L\*DY (offered Fall and Summer)

BIOL 375\*DB / 375L\*DY (offered Fall and Summer)

#### Botany Elective Courses (9 credits)

GROUP 1:  /  Two of: BOT 401, 450, or 499

GROUP 2:  One of: BOT 430/430L, 461, or 480

#### Any of the following to fulfill minimum total credit Requirements

BOT 350, 430/430L, 444, 453, 454, 456, 461, 480

#### Other Required Courses (27 credits)

CHEM 161\*DP/161L\*DY

CHEM 162\*DP/162L\*DY

CHEM 272\*DP/272L\*DY

PHYS 151\*DP/151L\*DY

PHYS 152\*DP/152L\*DY

MATH 215\*FS or higher

MATH 216 or higher

### Notes

Colleges of Arts and Sciences, Student Academic Services: QLCSS 113; (808) 956-8755

Botany Department: St. John 101; (808) 956-8369; [www.hawaii.edu/botany](http://www.hawaii.edu/botany)

Botany Undergraduate Advisor: George Wong; (808) 956-3940; [gwong@hawaii.edu](mailto:gwong@hawaii.edu)

[http://www.advising.hawaii.edu/artsci/pages/resources/lib\\_art\\_degrees/majorskills/majorskills\\_botany.asp#BOT\\_SCHED](http://www.advising.hawaii.edu/artsci/pages/resources/lib_art_degrees/majorskills/majorskills_botany.asp#BOT_SCHED)