



University of Hawai'i at Mānoa
Colleges of Arts & Sciences Program Sheet 2012-2013
Bachelor of Science (BS) in Marine Biology
Admissions: Open Process: Declaration
Min. Total Credits: 131 (131 in core & major + 0 in electives)

UHM General Education Core Requirements
Foundations
<input type="checkbox"/> FW
<input type="checkbox"/> FS
<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
<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
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
Bachelor of Science Requirements
<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}
College Requirements
A & S Bachelor of Science Option
<input type="checkbox"/> Bachelor of Science Required Courses
See degree requirements above.
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 Marine Biology

Admission: Open

Application: NA

Min. major credits: 64 (98 including all related requirements)

Min. exit GPA: 2.5 GPA in the major

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

Requirements

Marine Biology Related Requirements (34 credits)

- MATH 215*FS or 241*FS or 251A*FS
- MATH 216 or 242 or 252A
- ECON 321*DS or NREM 310
- CHEM 161*DP / 161L*DY
- CHEM 162*DP / 162L*DY
- CHEM 272*DP / 272L*DY
- CHEM 273*DP
- PHYS 151*DP or 170*DP / 151L*DY or 170L*DY
- PHYS 152*DP or 272*DP / 152L*DY or 272L*DY

Biology Core Courses (26 credits)

- BIOL 171*DB / 171L*DY (offered Fall and Summer)
- BIOL 172*DB / 172L*DY (offered Spring and Summer)
- BIOL 265*DB / 265L*DY (offered Fall only)
- BIOL 275*DB / 275L*DY (offered Spring and Summer)
- BIOL 301 / 301L (offered Spring only)
- BIOL 375 / 375L (offered Fall only)

Marine Biology Additional Required Core (23 credits)

- OCN 201
- ZOOL 439
- BOT 480
- ZOOL 475 / 475L
- BIOL 402 or BIOC 441
- MICR 401 / 401L

BIOL 403: Field Problems in Marine Biology (4 credits)

BIOL 403 may be substituted with additional BIOL 499 directed research credits with advisor approval.

BIOL 499: Directed Research (minimum 2 credits)

BIOL 404: Capstone Course (3 credits)

Approved Elective Courses (minimum 6 credits; see department for approved choices)

- _____ _____ _____ _____ _____ _____

Notes

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

Marine Biology Department: Dean Hall 2; (808) 956-8303; mbiology@hawaii.edu

Marine Biology Undergraduate Advisor: Joseph Menor; (808) 956-8303; bioadvise@hawaii.edu