



University of Hawai'i at Mānoa
Colleges of Arts & Sciences Program Sheet 2017-2018
Bachelor of Science (BS) in Marine Biology
Admissions: Open Process: Declaration
Min. Total Credits: 120 (119 in core & major + 1 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, 172
<input type="checkbox"/> DP CHEM 161
<input type="checkbox"/> DY BIOL 171L, 172L
<input type="checkbox"/> DS ECON 321
<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
• 35 major-required lower division/25 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 Marine Biology

Admission: Open

Application: NA

Min. major credits: 58 (89-91 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 (31-33 credits)

- MATH 215*^{FS} or 241*^{FS} or 251A*^{FS}
- MATH 216 or 242 or 252A
- ECON 321*^{DS} or NREM 310 or SOCS 225*^{DS} or MATH 373 or MATH 472
- CHEM 161*^{DP} / 161L*^{DY}
- CHEM 162 / 162L
- CHEM 272 / 272L
- PHYS 151*^{DP} / 151L*^{DY} or 170*^{DP} / 170L*^{DY}
- PHYS 152 / 152L or 272 / 272L

Biology Core Courses (26 credits)

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

Marine Biology Additional Required Core (16 credits)

- OCN 201
- BOT 480 (Spring only)
- ZOOL 475 / 475L
- MICR 401 / 401L

BIOL 499: Directed Research or BIOL 403 (4 credits)

BIOL 404: Capstone Course (3 credits)

Approved Elective Courses (minimum 9 credits; see department for approved choices)

- _____
- _____
- _____

Notes

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

To schedule an advising appointment, visit manoa.hawaii.edu/biology/advising.

Marine Biology Undergraduate Advisor: Diana Thompson; (808) 956-8303; dianalt@hawaii.edu