



University of Hawai'i at Mānoa
Colleges of Arts & Sciences Program Sheet 2013-2014
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
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 / 162L

CHEM 272 / 272L

CHEM 273

PHYS 151 or 170 / 151L or 170L

PHYS 152 or 272 / 152L or 272L

Biology Core Courses (26 credits)

BIOL 171*^{DB} / 171L*^{DY}

BIOL 172*^{DB} / 172L*^{DY}

BIOL 265 / 265L (offered Fall only)

BIOL 275 / 275L (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

Biochemistry (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

Department of Biology: Edmonson Hall, 2nd Floor; (808) 956-8303; mbiology@hawaii.edu

Marine Biology Undergraduate Advisors: Joseph Menor Jr, M.Ed., Stephanie Kraft-Terry, Ph.D.; (808) 956-8303;

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