**Bachelor of Arts (BA) in Biology**

**Admissions:** Open  **Process:** Declaration

**Min. Total Credits:** 120 (97 in core & major + 23 in electives)

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### UHM General Education Core Requirements

#### Foundations
- FW  ENG 100, 100A, 190, ESL 100, or AMST 111
- FS  MATH 215, 241, or 251A
- FG (A / B / C)
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#### Diversification
- DA / DH / DL
- DA / DH / DL
- DB  BIOL 171, 172
- DP  CHEM 161
- DY  BIOL 171L, 172L
- DS
- DS

*See degree, college and major requirements for courses that can also fulfill these.

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### 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
- 35 major-required lower division/25 upper division (300+ level) credits

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

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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 BA in Biology**

**Admission:** Open  
**Application:** NA  
**Min. major credits:** 36-39 (64-68 with related requirements)  
**Minimum C grade (not C-)** in all courses

### Requirements

#### Biology Related Requirements (28-29 credits)

- MATH 215*FS or 241*FS or 251A*FS  
- CHEM 161*DP / 161L*DY  
- CHEM 162 / 162L  
- CHEM 272 / 272L  
- CHEM 273 (273L recommended)  
- PHYS 151*DP or 170*DP / 151L*DY or 170L*DY  
- PHYS 152 or 272 / 152L or 272L

#### Biology Core Courses (23 credits)

- BIOL 171*DB / 171L*DY  
- BIOL 172*DB / 172L*DY  
- BIOL 275 / 275L (Fall and Summer)  
- BIOL 305  
- BIOL 375 / 375L (Spring only)  
- ZOOL 480 (Spring only)

#### Additional Biology Electives (13-16 credits)

- Biochemistry or Molecular Biology course (BIOC 441; BIOL 402, 407)  
- Physiology course (BOT 420; MICR 431; PHYL 301; ZOOL 430)  
- Morphology and Biodiversity Lecture and Lab (BOT 420; MICR 351/351L; PEPS 363/363L; ZOOL 320/320L, 475/475L)

3 credits from approved upper division biology electives:

#### Notes

Department of Biology Advising: Edmondson 216; (808) 956-5911; bioadvis@hawaii.edu  
To schedule an advising appointment, visit manoa.hawaii.edu/biology/advising.