# Bachelor of Arts/Science (BA/BS) in Biology

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

Min. Total Credits: 124 (BA = 110 in core & major + 14 in electives; BS = 113 in core & major + 11 in electives)

## UHM General Education Core Requirements

<table>
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<th>Foundations</th>
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<td>FG (A / B / C)</td>
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<th>Diversification</th>
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* *See degree, college and major requirements for courses that can also fulfill these.*

## UHM Graduation Requirements

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<th>Focus</th>
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| W (300+) |
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<tr>
<th>Hawaiian / Second Language</th>
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<tr>
<td>101</td>
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<tr>
<th>Credit Minimums</th>
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<tr>
<td>124 total applicable</td>
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<td>30 in residence at UHM</td>
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<th>Grade Point Average</th>
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<td>2.0 cumulative or higher (Note: Other GPAs may be required.)</td>
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<td>Good academic standing</td>
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## Degree Requirements

### Bachelor of Arts Requirement (Can also fulfill FS)

- MATH 100, 112, 140, 161, 203, 215, 241, 251A; PHIL 110, 111; BUS 250; ICS 141, 241; NREM 203; or SOCS 150

### Bachelor of Science Requirements

- MATH 215*FS or 241*FS
- MATH 216 or 242
- DB course
- CHEM 161*DP / 161L*DY
- CHEM 162*DP / 162L*DY
- PHYS 151*DP or 170*DP / 151L*DY or 170L*DY
- PHYS 152*DP or 272*DP / 152L*DY or 272L*DY

## College Requirements

### A & S Options – Complete at least one option

*BA Courses cannot double count with Gen. Ed. Core*

- Bachelor of Arts Breadth (3 credit each)
  - AH
  - LLL
  - NS
  - SS

- Bachelor of Arts Depth – see list of A & S depts.
  - Minor
  - Certificate
  - 2nd A & S Major

- Bachelor of Science
  - See degree requirements above.

### Credit Minimums
- 60 non-introductory

### Credit Maximums
- 8 KRS activity
- 9 Directed Reading / Research
- 12 Practicum / Internship

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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 or BS in Biology

**Admission:** Open  
**Application:** NA  
**Min. major credits:**  
- **BA:** 40 (68 with related requirements)  
- **BS:** 55 (80 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*DP / 162L*DY  
- CHEM 272*DP / 272L*DY  
- CHEM 273*DP (273L*DY recommended)  
- 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 (20 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 375 / 375L (offered Fall only)

**Additional Biology Electives**
- PHYL elective  
- Lab elective (300+)  
- BOT elective (300+)  
- MICR elective (300+)  
- ZOOL elective (300+)

**BA only (see department for approved choices)**
In addition to biology electives listed above, approved 300+ level electives to reach 20 credits total:
- [ ]  
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- [ ]

**BS only (see department for tracks and approved courses; see catalog for prerequisites)**

**Additional Related Requirements (6-7 credits)**
- MATH 216 or 242 or 252A  
- MATH 243 or ECON 321 or NREM 310

**Main BS Requirements**
- BIOC 441 or BIOL 402  
- Morphology/Systematics courses  
- Directed Research (min. 1 credit)

**15 credits** in one of five tracks from approved courses list (may overlap with biology electives, except PHYL):
- [ ]  
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#### Notes

College of Arts & Sciences, Student Academic Services: QLCSS 113; (808) 956-8755  
Biology Department: Dean 2; (808) 956-8303; biology@hawaii.edu  
Biology Undergraduate Advisor: Joseph Menor; Dean 2; (808) 956-8303; bioadvis@hawaii.edu  
http://www.advising.hawaii.edu/artsci/pages/resources/lib_art_degrees/majorskills/majorskills_biology.asp#BIOL_SCHED

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