Bachelor of Science (BS) in Zoology

Admissions: Open    Process: Declaration
Min. Total Credits: 120 (118 in core & major + 2 in electives)

<table>
<thead>
<tr>
<th>Degree Requirements</th>
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<tbody>
<tr>
<td>Bachelor of Science Requirements</td>
</tr>
<tr>
<td>- Calculus I</td>
</tr>
<tr>
<td>- Calculus II</td>
</tr>
<tr>
<td>- Chemistry I with lab</td>
</tr>
<tr>
<td>- Chemistry II with lab</td>
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<tr>
<td>- Physics I with lab</td>
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<tr>
<td>- Physics II with lab</td>
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Refer to major requirements for the specific courses that satisfy these requirements.

<table>
<thead>
<tr>
<th>College Requirements</th>
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<tbody>
<tr>
<td>Credit Maximums</td>
</tr>
<tr>
<td>- 8 KRS activity</td>
</tr>
<tr>
<td>- 9 Directed Reading / Research</td>
</tr>
<tr>
<td>- 12 Practicum / Internship</td>
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<thead>
<tr>
<th>UHM General Education Core Requirements</th>
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<tbody>
<tr>
<td>Foundations</td>
</tr>
<tr>
<td>- FW ENG 100, 100A, 190, or ESL 100</td>
</tr>
<tr>
<td>- FS MATH 215, 241, or 251A</td>
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<tr>
<td>- FG (A / B / C)</td>
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<tr>
<th>Diversification</th>
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<tbody>
<tr>
<td>- DA / DH / DL</td>
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<tr>
<td>- DB BIOL 171 or 172</td>
</tr>
<tr>
<td>- DP CHEM 161, 162, PHYS 151, 152</td>
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<tr>
<td>- DY BIOL 171L, 172L, CHEM 161L, 162L, PHYS 151L, 152L</td>
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<tr>
<td>- DS</td>
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<td>- DS</td>
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* See degree, college and major requirements for courses that can also fulfill these.

<table>
<thead>
<tr>
<th>UHM Graduation Requirements</th>
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<tbody>
<tr>
<td>Focus</td>
</tr>
<tr>
<td>- H</td>
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<tr>
<td>- E (300+)</td>
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<tr>
<td>- O (300+)</td>
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<tr>
<td>- W</td>
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<tr>
<td>- W</td>
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<td>- W</td>
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<tr>
<td>- W (300+)</td>
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<td>- W (300+)</td>
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<thead>
<tr>
<th>Hawaiian / Second Language</th>
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<tbody>
<tr>
<td>- 101</td>
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<tr>
<td>- 102</td>
</tr>
<tr>
<td>- 201</td>
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<tr>
<td>- 202</td>
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<table>
<thead>
<tr>
<th>Credit Minimums</th>
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<tbody>
<tr>
<td>- 120 total applicable</td>
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<tr>
<td>- 30 in residence at UHM</td>
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<tr>
<td>- 45 upper division (300+ level) credits</td>
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<tr>
<th>Grade Point Average</th>
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<tr>
<td>- 2.0 cumulative or higher (Note: Other GPAs may be required.)</td>
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<tr>
<td>- Good academic standing</td>
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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 BS in Zoology

**Admission:** Open  
**Application:** NA  
**Min. major credits:** 29 (85 with related requirements)  
**Min. C grade (not C-) in all courses**

#### Requirements

**Zoology Related Requirements (40 credits)**
- □ BIOL 171* / □ 171L* (offered Fall and Summer)
- □ BIOL 172* / □ 172L* (offered Spring and Summer)
- □ BIOL 265* / □ 265L* (offered Fall only)
- □ BIOL 275* / □ 275L* (offered Spring and Summer)
- □ CHEM 161* / □ 161L*
- □ CHEM 162* / □ 162L*
- □ CHEM 272* / □ 272L*
- □ CHEM 273*
- □ MATH 215* or 241* or 251A*

**Biochemistry:** BIOL 402 or BIOC 441

**Additional Requirements (45-49 credits; see department for approved choices; see catalog for prerequisites)**

**Additional Related Requirements (16-18 credits)**
- □ BIOL 375 / □ 375L (offered Fall only)
- □ PHYS 151* / □ 151L* or 170* / 170L*
- □ PHYS 152* / □ 152L* or 272* / 272L*
- □ MATH 216 or 242

**Additional Major Courses (29-31 credits)**
- □ Morphology & Taxonomy: ZOOL 320 / □ 320L or □ 475/ □ 475L or □ PEPS 363 (5, 5, 3)
- □ ZOOL 430 / □ 430L (5)
- □ ZOOL 490 (1 credit)
- □ ZOOL 492 (1 credit)
- □ ZOOL 499 (minimum 4 credits)

9 credits of ZOOL 300+ or approved BIOL elective courses:  
□ □ □ □ □ □ □ □ □

6 credits of 300+ approved natural science elective courses:  
□ □ □ □ □ □ □ □ □

#### Notes

Department of Biology Advising: Edmondson 216; (808) 956-8303; bioadvis@hawaii.edu  
To schedule an advising appointment, visit manoa.hawaii.edu/biology/advising.  
Zoology Undergraduate Advisor: Stephanie Kraft-Terry, PhD; (808) 956-8303; kraft2@hawaii.edu

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