



**University of Hawai'i at Mānoa**  
**College of Tropical Agriculture and Human Resources Program Sheet 2016-2017**  
**Bachelor of Science (BS) in Animal Sciences**  
**Admissions: Freshmen = Open / Transfer = Min. Criteria    Process: Declaration**  
**Min. Total Credits: 120 (86 in core & major + 34 in electives)**

UHM General Education Core Requirements
<b>Foundations</b>
<input type="checkbox"/> FW ENG 100, 100A, 190, ESL 100, or AMST 111
<input type="checkbox"/> FS MATH 140, 203, 215, 241, or NREM 203, BUS 250
<input type="checkbox"/> FG (A / B / C)
<input type="checkbox"/> FG (A / B / C)
<b>Diversification</b>
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DB ANSC 200
<input type="checkbox"/> DP CHEM 161, 171
<input type="checkbox"/> DY CHEM 161L, 171L
<input type="checkbox"/> DS NREM 220 or ECON 130, 131
<input type="checkbox"/> DS
<i>* See degree, college and major requirements for courses that can also fulfill these.</i>
UHM Graduation Requirements
<b>Focus</b>
<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+)
<b>Hawaiian / Second Language</b>
<ul style="list-style-type: none"> <li>The Hawaiian or Second Language requirement is <b>not</b> required for students admitted to the Animal Sciences program.</li> </ul>
<b>Credit Minimums</b>
<ul style="list-style-type: none"> <li>120 total applicable</li> <li>30 in residence at UHM</li> <li>45 upper division (300+ level) credits</li> </ul>
<b>Grade Point Average</b>
<ul style="list-style-type: none"> <li>2.0 cumulative or higher (<i>Note: Other GPAs may be required</i>)</li> <li>Good academic standing</li> </ul>

College Requirements
<b>CTAHR Required Set of Interrelated Courses</b>
<input type="checkbox"/> FAMR 380* <sup>DS</sup> /380L or NREM 310, ECON 321, SOCS 225, EDEP 429
<input type="checkbox"/> Internship or capstone course (ANSC 492)
<b>Credit Minimums</b>
<ul style="list-style-type: none"> <li>120 total applicable</li> </ul>

*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 Animal Sciences

Admission: Open

Application: NA

Min. major credits: 67-68

Min. exit GPA: 2.0 in the major

### Requirements

#### Animal Sciences Required Basic Courses (33 credits)

MATH 140\*<sup>FS</sup> or MATH 203, 215, 241, NREM 203, BUS 250

PHYS 151\*<sup>DP</sup> /  151L\*<sup>DY</sup>

CHEM 161\*<sup>DP</sup> /  161L\*<sup>DY</sup> or CHEM 171\*<sup>DP</sup> /  171L\*<sup>DY</sup>

CHEM 162\*<sup>DP</sup> /  162L\*<sup>DY</sup> or CHEM 171\*<sup>DP</sup> /  171L\*<sup>DY</sup>

CHEM 272\*<sup>DP</sup> /  272L\*<sup>DY</sup>

NREM 220\*<sup>DS</sup> or ECON 130\*<sup>DS</sup>, 131\*<sup>DS</sup>

MBBE 402 /  402L

BIOL 171\*<sup>DB</sup> /  171L\*<sup>DY</sup>

#### Animal Sciences Core Courses (34-35 credits)

ANSC 200\*<sup>DB</sup>

ANSC 201\*<sup>DB</sup>

ANSC 244\*<sup>DB</sup>

ANSC 301/301L

ANSC 321

ANSC 445

ANSC 431, 432, 433, or 450 (Production Course)

**Four** of the following:  ANSC 446                       ANSC 451                       ANSC 453

ANSC 454                       ANSC 462                       ANSC 472

### Notes

CTAHR Academic Advising Office:

Gilmore 1<sup>st</sup> floor; [ctahradv@hawaii.edu](mailto:ctahradv@hawaii.edu)

Appointments are required to see an advisor; please visit [ctahradv.youcanbook.me/](http://ctahradv.youcanbook.me/) to schedule an appointment.

CTAHR Office of Academic and Student Affairs:

Gilmore 210, (808) 956-8183/(808) 956-6733; [www.ctahr.hawaii.edu/ugadvising](http://www.ctahr.hawaii.edu/ugadvising)

Highly recommended: the following are prerequisites for MBBE 402: BIOL 275/275L, CHEM 273