

**2019-2020 CHECKLIST OF REQUIREMENTS
FOR THE B.S. DEGREE IN ANIMAL SCIENCE**

Name _____

ID _____

Pre-Vet? Yes _____ No _____

Choose a Specialization from the following:

- Animal Science with a Disciplinary Focus
 - Aquatic Animals
 - Avian Sciences
- Companion and Captive Animals
 - Equine Science
 - Laboratory Animals
 - Livestock and Dairy
 - Poultry

___ 1. **GENERAL UNIVERSITY REQUIREMENTS:** Entry Level Writing Requirement ___; Amer. History & Inst ___

GENERAL EDUCATION:

***See additional GE handout**

___ 2. **ENGLISH** - Choose **ONE** of following options:

- ___ 1) Two courses from:
ENL 3, UWP 1, 48, 49, 101, UWP 102A-G, 104A-F, NEM 150; OR
One from the previous list **AND** one from:
COM 1, 2, 3, 4, NAS 5, CMN 1
- ___ 2) Advanced Placement English score of 4 or 5 plus any course on above list
EXCEPT UWP 1 or ENL 3
- ___ 3) **AFTER** completing 70 units pass English Comp Exam

Please check in with the College of Agricultural and Environmental Sciences Dean's Office (150 Mrak) often in order to go over your General University and College English requirements.

___ 3. **PREPARATORY SUBJECT MATTER (49-53 units)**

- ___ a) ANS 1 (4) F ___, ANS 2 (4) S ___ (ANS 1 is waived for incoming transfer students; ANS 2 may be waived for transfer students with appropriate coursework or animal experience).
- ___ b) ANS 41 (2) F ___, ANS 41L (2) F, W ___ [**Take Sophomore year to avoid future class conflicts**] (ANS 41 and 41L are waived for incoming transfer students).
- ___ c) CHE 2A (5) F, W ___, 2B (5) W, S ___
- ___ d) CHE [8A (2) F, S ___, 8B (4) F, W ___] **OR** [118A (4) F, W, SuI ___, 118B (4) W, S, SuII ___]
- ___ e) BIS 2A (5) ___, 2B (5) ___, 2C (5) ___
- ___ f) MAT [16A (3) ___, 16B (3) ___] **OR** [17A (4) ___, 17B (4) ___,] **OR** [21A (4) ___, 21B (4) ___]
- ___ g) PLS 120 (4) F ___ **OR** STA 100 (4) ___ (Students who have already taken or received credit for STA 13 will only receive 2 units of academic credit for completing STA 100).

ADDITIONAL COURSES REQUIRED FOR UC DAVIS SCHOOL OF VETERINARY MEDICINE PREPARATION (SUBJECT TO CHANGE):

- CHE 2C (5) F, S, SuI ___
- PHY 7A (4) ___ PHY 7B (4) ___

Other Target Schools: _____

**If you are planning to apply to other Veterinary schools, you may be required to take more/higher level courses in English and other requirements. It is important to regularly check the admissions criteria to make sure you fulfill the requirements. Refer to the UCD Veterinary Medicine admissions website or see an Animal Science Advisor.*

KEY FOR LETTERS AND SYMBOLS USED IN CHECKLIST:

- QUARTER OFFERED: F = FALL, W = WINTER, S = SPRING, Su I or Su II = SUMMER SESSIONS I OR II
- UNIT VALUES ARE INDICATED WITHIN PARENTHESES

___ 4. **DEPTH SUBJECT MATTER (minimum 39-43 units)**

- ___ a) **BIOLOGY**
BIS 101 (4) ___ (*BIS 101D – Optional*), ABI 102 (5) F ___, ABI 103 (5) W ___, ANG 107 (5) F, S ___, ANS 100 (5) S **OR** NPB 101 (5) ___
- ___ b) **INTEGRATIVE ANIMAL BIOLOGY (Pick 2 of 4)**
ANS 123 (4) S ___, ANS 124 (4) W ___, NPB 121 (4) W ___ (*NPB 121L – Optional*), NPB 130 (4) F ___

FOR AQUATICS SPECIALIZATION (Pick 2 of 4):

ANS 123 (4) S ___, EVE 112 (3) W ___, NPB 123 (4) F ___, WFC 120 (3) F ___

FOR AVIAN OR POULTRY SPECIALIZATION (Pick 2 of 4):

ANS 123 (4) S ___, AVS 100 (3) S ___, AVS 103 (3) F ___, NPB 130 (4) F ___

- ___ c) **LABORATORY COURSE** - select **ONE** from the following:
- ANG 111 (4) F, W ___
 - ANS 106 (3) W ___
 - ANS 130 (3) S ___
 - ANS 132 (3) F ___
 - ANS 133 (4) W ___
 - ANS 134 (3) W ___
 - ANS 135 (3) F ___
 - ANS 136 (3) F ___
 - ANS 137 (3) S ___
 - ANS 138 (3) F (taught odd fall year) ___
 - ANS 139 (3) W ___
 - ANS 160A (2) W ___ + ANS 160B (2) S ___
 - MCB 120L (3) ___
 - MCB 160L (5) ___
 - PMI 126L (2) W ___
 - NPB 101L* (3) ___ *Prereq: NPB 101(not ANS 100)

- ___ d) **SPECIALIZATION (20-23 units)**
Select 20 letter graded units, with approval from your faculty advisor, to form a coherent series of courses centered on one of the following disciplines or species specific concentrations: **Animal Behavior, Biochemistry, Genetics, Nutrition, Physiology, Aquatic Animals, Avian Sciences, Companion and Captive Animals, Equine Science, Laboratory Animals (minimum 23 units), Livestock and Dairy, or Poultry.**

Specialization: _____

| <u>Course</u> | <u>Units</u> | <u>Grade</u> | <u>Quarter</u> |
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Note: Up to 3 units of ANS 194 or ANS 194HA may count towards specialization units with the approval from your faculty advisor. ANS 92,192, 99, and 199 will not count towards specialization units.

Students must have 180 units by the end of graduation.

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ANS General Education Requirements

| | Fulfilled By Major | Remaining Requirements |
|---|---|---|
| Topical Breadth (Requires 52 Units Total) | Science & Engineering (SE): CHE 2A 5 ANS 2 4 BIS 101 4 ANS 100/NPB 101 4 ANG 107 5 12-20 units max. 20 | Arts & Humanities (AH): _____ _____ _____ _____ _____ _____ 12-20 units _____ <input type="checkbox"/> Satisfied Social Sciences (SS): (ANS 112, 141, 148, 170) _____ _____ _____ _____ _____ 12-20 units _____ <input type="checkbox"/> Satisfied Total AH+SS: 32 units <input type="checkbox"/> Satisfied |
| | Literacy with Words & Images: Writing Experience (WE): ANS 2 4 *The remaining 2 units can be satisfied with any of the following courses or also GEs: ANS 41L, 42, 115, 123, 127, 131, 139, 142, 146, 170) 6 units complete Oral Skills or Additional Writing Experience (OL): BIS 2C 5 3 units complete Visual Literacy (VL): BIS 2B 5 3 units complete Quantitative Literacy (QL): MAT 16A 3 3 units complete Scientific Literacy (SL): MAT 16B 3 3 units complete Total: 18 | Civic & Cultural Literacy (3 courses required): 1. American Cultures, Governance and History (ACGH) _____ 3 units _____ <input type="checkbox"/> Satisfied 2. Domestic Diversity (DD) _____ 3 units _____ <input type="checkbox"/> Satisfied 3. World Cultures (WC): _____ 3 units _____ <input type="checkbox"/> Satisfied Total of 1 + 2 + 3 = 9 units <input type="checkbox"/> Satisfied |

Important Notice: AP Credit CANNOT be used as GE credit

For more information, visit: <https://ucdavis.pubs.curricunet.com/Catalog/undergraduate-education#ge>.

Revised 11/19/19

ANIMAL SCIENCE MAJOR STUDY PLAN

NAME: _____ ENTERED MAJOR: _____ Qtr./Yr. _____

Students must complete 36 units in three quarters or regular academic year. (Average of 12 units per quarter)

FALL _____ WINTER _____ SPRING _____

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Summer Session (I, II) _____

Note: First year students are highly recommended to take CHE 2A fall quarter, if unable to then start BIS 2B instead.

FALL _____ WINTER _____ SPRING _____

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Summer Session (I, II) _____

Note: It is important to complete CHE 8A and 8B or equivalent in the sophomore year.

FALL _____ WINTER _____ SPRING _____

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Summer Session (I, II) _____

Note: It is important to complete ABI 102, ABI 103, ANS 100 or NPB 101, & BIS 101 in the junior year.

FALL _____ WINTER _____ SPRING _____

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Summer Session (I, II) _____

1. Complete this STUDY PLAN early.
2. MAJOR CERTIFICATION for the major must be completed in the quarter of graduation.
3. At LEAST 180 units with at least 54 upper division units are required for the B.S. degree.