

FOR FIRST YEAR STUDENTS ADMITTED ON OR AFTER FALL 2020,
TRANSFER STUDENTS ADMITTED ON OR AFTER FALL 2022
2022-2023 CHECKLIST OF REQUIREMENTS
FOR THE B.S. DEGREE IN ANIMAL SCIENCE

Name _____

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

ID _____

Pre-Vet? Yes _____ No _____

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; 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 Hall) often in order to review your General University and College English requirements.

3. **PREPARATORY SUBJECT MATTER (53-57 units)**

- ____ a) ANS 1 (4) F ___, ANS 2 (4) S ___. (ANS 1 is waived for incoming transfer students).
- ____ b) ANS 41 (2) F ___, ANS 41L (2) F, W ___. (ANS 41 and 41L are waived for transfer students).
- ____ c) CHE 2A (5) F, W, SuI ___, 2B (5) W, S, SuII ____
- ____ d) CHE [8A (2) F, S, SuI ___, 8B (4) F, W, SuI, SuII ____] **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) ____

**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

Revised 4/28/22

— 4. **DEPTH SUBJECT MATTER** (minimum 58-62 units)

— a) **BIOLOGY**

BIS 101 (4) ____, (BIS 101D – Optional), ABI 102 (5) F, W ____, ABI 103 (5) W, S ____,
 ANG 107 (5) F, S ____, ANS 100 (5) S **OR** NPB 101 (5) ____

— b) **APPLIED BIOLOGY AND ETHICS**

ANS 104 (4) F, S ____, ANS 150 (4) W, S ____, ANS 170 (4) F, S ____, NUT 115 (140) (4) W, S ____,
 NUT 141 (4) F, S ____

— c) **INTEGRATIVE ANIMAL BIOLOGY**

FOR ALL SPECIALIZATIONS (EXCEPT AQUATICS, AVIAN, OR POULTRY) (Pick 2 of 4):

ANS 123 (4) S ____, ANS 124 (4) W ____, NPB 121 (4) W ____, 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) NCO ____, NPB 130 (4) F ____

— d) **LABORATORY COURSE** - select **ONE** from the following options:

- ANG 111 (4) F, W ____
- ANS 106 (3) W ____
- ANS 130 (3) S ____
- ANS 132 (3) F ____
- ANS 133 (4) NCO ____
- ANS 134 (3) W ____
- ANS 135 (3) F ____
- ANS 137 (3) S ____
- ANS 138 (3) F ODD ____
- ANS 139 (3) NCO ____
- ANS 160A (2) W ____ + ANS 160B (2) S ____
- MCB 120L (3) ____
- MCB 160L (5) ____
- MIC 102 (3) ____ + MIC 103L (2) ____
- NPB 101L (3) ____
- PMI 126L (2) W ____

— e) **SPECIALIZATION (12 units)**

Select 12 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, Livestock and Dairy, or Poultry.**

Specialization: _____

Course	Units	Grade	Quarter

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

Topical Breadth (Requires 52 Units Total)	Fulfilled By Major	Remaining Requirements	
	Science & Engineering (SE):	Arts & Humanities (AH):	
<u>CHE 2A</u> <u>5</u>			
<u>ANS 2</u> <u>4</u>			
<u>BIS 101</u> <u>4</u>			
<u>ANS 100/NPB 101</u> <u>4</u>			
<u>ANG 107</u> <u>5</u>			
12-20 units	max. 20	12-20 units	<input type="checkbox"/> Satisfied
		Social Sciences (SS):	
		<u>ANS 170</u> <u>4 units</u>	
		12-20 units	<input type="checkbox"/> Satisfied
		<u>Total AH+SS:</u> <u>32 units</u>	<input type="checkbox"/> Satisfied
Core Literacies (Requires 27 Units Total)	Literacy with Words & Images: Writing Experience (WE): <u>ANS 2</u> <u>4</u> *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 <u>complete</u>	Civic & Cultural Literacy (3 courses required): 1. Domestic Diversity (DD) <u>3 units</u>	<input type="checkbox"/> Satisfied
	Oral Skills or Additional Writing Experience (OL): <u>BIS 2C</u> <u>5</u> 3 units <u>complete</u> Visual Literacy (VL): <u>BIS 2B</u> <u>5</u> 3 units <u>complete</u> Quantitative Literacy (QL): <u>MAT 16A</u> <u>3</u> 3 units <u>complete</u> Scientific Literacy (SL): <u>MAT 16B</u> <u>3</u> 3 units <u>complete</u> <u>Total:</u> <u>18</u>	2. American Cultures, Governance and History (ACGH) <u>3 units</u> 3. World Cultures (WC): <u>3 units</u>	<input type="checkbox"/> Satisfied <input type="checkbox"/> Satisfied