

**2021-2022 CHECKLIST OF REQUIREMENTS  
FOR THE B.S. DEGREE IN ANIMAL SCIENCE AND MANAGEMENT**

Name \_\_\_\_\_  
ID \_\_\_\_\_

Choose a Specialization from the following:

Aquatic Animals  
Companion Animals  
Dairy  
Equine  
Livestock  
Poultry  
Individualized

- \_\_\_ 1. **GENERAL UNIVERSITY REQUIREMENTS:** Entry Level Writing Requirement \_\_\_; Amer. History & Inst \_\_\_
- \_\_\_ 2. **ENGLISH** - Choose **ONE** of following options:
- \_\_\_ 1) Two courses from:  
ENL 3, UWP 1, UWP 18, 19, 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.**

- \_\_\_ 2a. **Additional 8 units of UWP/Communication courses (cannot overlap with College UWP/ENL requirements above):**  
Select two of the following courses: CMN 120 (4) \_\_\_\_, CMN 122 (4) W, S \_\_\_\_, CMN 130 (4) \_\_\_\_,  
CMN 136 (4) F, W \_\_\_\_, CMN 140 (4) \_\_\_\_, UWP 101 (4) \_\_\_\_, UWP 102A-G (4) \_\_\_\_, UWP 104A-F (4) \_\_\_\_,
- \_\_\_ 3. **PREPARATORY SUBJECT MATTER (71-74 units)**
- \_\_\_ a) ANS 1 (4) F \_\_\_\_, ANS 2 (4) S \_\_\_\_ (ANS 1 is waived for incoming transfer students; ANS 2 may be waived with appropriate coursework or animal experience).
- \_\_\_ b) CHE 2A (5) F, W \_\_\_\_, 2B (5) W, S \_\_\_\_
- \_\_\_ c) CHE 8A (2) F, S, SuI \_\_\_\_, 8B (4) F, W, SuI, SuII \_\_\_\_ OR Equivalent
- \_\_\_ d) BIS 2A (5) \_\_\_\_, 2B (5) \_\_\_\_, 2C (5) \_\_\_\_
- \_\_\_ e) MAT 16A (3) \_\_\_\_, MAT 16B (3) \_\_\_\_, MAT 16C (3) \_\_\_\_ or more advanced mathematics courses (MAT 17A-C or MAT 21A-C)
- \_\_\_ f) **One of the following:** PLS 120 (4) F \_\_\_\_, STA 100\* (4) \_\_\_\_, STA 103 (4) \_\_\_\_ (STA 13 is a prerequisite)  
\*Students who have already taken or received credit for STA 13 will only receive 2 units of academic credit for completing STA 100.
- \_\_\_ g) PLS 21 (3) \_\_\_\_ **OR** ECS 15 (4) NCO \_\_\_\_
- \_\_\_ h) ECN 1A (4) \_\_\_\_, 1B (4) \_\_\_\_
- \_\_\_ i) MGT 11A (4) F, W \_\_\_\_, 11B (4) S \_\_\_\_

**KEY FOR LETTERS AND SYMBOLS USED IN CHECKLIST:**

Revised 6/2/2021

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\_\_\_ 4. **DEPTH SUBJECT MATTER** (29-30 units) (Your Major GPA consists of items 4a – f):

- \_\_\_ a) BIS 101 (4) \_\_\_ (*BIS 101D-optional*)
- \_\_\_ b) NUT 115 (140) (4) W,S \_\_\_
- \_\_\_ c) ANS 100 (5) S \_\_\_ OR NPB 101 (5) \_\_\_
- \_\_\_ d) Business Management - ARE 100A (4) F, W, S, SuI \_\_\_\_, ANS 128 (4) W \_\_\_\_, and

**One from:** ARE 112 (4) F, W, S, SuII \_\_\_\_, ARE 113 (4) W \_\_\_\_, ARE 132 (3) W \_\_\_\_, ARE 139 (4) S, SuI \_\_\_\_  
(*PLS 120 / STA 100 approved as a prerequisite - need to complete prerequisite petition*)

**One from:** ARE 120 (4) S \_\_\_\_, ARE 140 (4) W \_\_\_\_, ARE 145 (4) W, SuII \_\_\_\_, ARE 157 (4) S \_\_\_\_  
(*ANS 128 and PLS 120 / STA 100 approved as prerequisites - need to complete prerequisite petition*)

### **e) AREAS OF SPECIALIZATIONS (14-18 units)**

Choose **one** area of specialization below

EOY = Every other year

NCO = Not currently offered

Note: If a required course is offered alternating years and you are not able to take it by your graduating year, please contact the Animal Science Advising Center.

#### **Aquatic Animals (14-16 units):** Choose one of the following options

- Bodega Bay Coursework, Spring: 12 units or Summer: 10 units (strongly recommended)** \_\_\_\_,  
ANS 148 (4) S \_\_\_\_  
*Note: For more information on Bodega Bay Marine Laboratories, visit: <http://bml.ucdavis.edu/>*
- ANS 18 (4) F \_\_\_\_, EVE 115 (4) W \_\_\_\_, ANS 148 (4) S \_\_\_\_, ANS 112 (3) S \_\_\_\_ **OR** ANS 136 (3) F \_\_\_\_

#### **Companion Animals (16 units)**

ANS 42 (4) W \_\_\_\_, ANS 140 (4) F \_\_\_\_, ANS 142 (4) F \_\_\_\_, ANS 148 (4) S \_\_\_\_

#### **Dairy (18 units)**

ANS 41 (2) F \_\_\_\_, ANS 41L (2) F, W, \_\_\_\_, ANS 120 (3) W \_\_\_\_, ANS 120L (2) W \_\_\_\_, ANS 146 (5) S \_\_\_\_,  
ANS 148 (4) S \_\_\_\_

#### **Equine (15 units)**

ANS 15 (3) W \_\_\_\_, ANS 115 (4) F \_\_\_\_, ANS 141 (4) S \_\_\_\_, ANS 148 (4) S \_\_\_\_

#### **Livestock (17 units)**

ANS 41 (2) F \_\_\_\_, ANS 41L (2) F, W \_\_\_\_, ANS 143 (4) F (EOY ODD) \_\_\_\_ **or** ANS 144 (4) S \_\_\_\_,  
ANS 120 (3) W \_\_\_\_, ANS 120L (2) W \_\_\_\_, ANS 148 (4) S \_\_\_\_

#### **Poultry (16 units)**

AVS 13 (Restricted to lower division standing) (3) F \_\_\_\_, ANS 120 (3) W \_\_\_\_, ANS 120L (2) W \_\_\_\_,  
ANS 143 (4) F (EOY ODD) \_\_\_\_, ANS 148 (4) S \_\_\_\_

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## Revised 6/2/2021

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f) **Restricted Electives** - at least 2 additional courses (minimum 8 units) selected with the approval of advisor (recommended courses listed below, **if not selected on previous pages for satisfying other requirements**).

<u>Agricultural &amp; Resource Economics (ARE)</u>	<u>Animal Genetics (ANG)</u>	<u>Animal Science (ANS), continued</u>	<u>Management (MGT)</u>
18 (4) F, W, S, SuI	105 (2) W	137 (3) S	103 (4) F
112 (4) F, W, S, SuII	107 (5) F, S	139 (3) W	
120 (4) S	111 (4) F, W	140* (4) F	<b><u>Neurobiology, Physiology &amp; Behavior (NPB)</u></b>
130 (4) F		141 (4) S	102 (3) F, W, S, SuI
136 (4) F, W, S, SuII	<b><u>Animal Science (ANS)</u></b>	142 (4) F	121 (4) W
138 (4) W	103 (4) W	143 (4) F EOY ODD	121L (1) W
142 (3) F, S	104 (4) F, S	144 (4) S	130 (4) F
143 (3) F, W, SuI	106 (2) W	145 (4) W	
144 (3) W, S, SuII	107 (3) SuII	146 (5) S	<b><u>Nutrition (NUT)</u></b>
145 (4) W, SuII	115 (4) F	150 [198] (4) S	115/140 (4) W
150 (4) S	120 (3) W	170 (4) F, S	141 (4) S
155 (4) F, W, S, SuI	120L (2) W	192 (variable)**	142 (4) S
157 (4) W	123 (4) S	194 (3) F, W, S**	
171 (4) F, W, S, SuI	124 (4) W	194H (4) F, W, S**	
172 (4) W, S, SuII	125 (3) W EOY ODD		
176 (4) W	126 (3) W EOY EVEN	<b><u>Avian Sciences (AVS)</u></b>	
	127 (3) S	100 (3) S	<b><u>Wildlife, Fish &amp; Conservation Biology (WFC)</u></b>
<b><u>Animal Biology (ABI)</u></b>	128 (4) W	103 (3) F	120 (3) F
102 (5) F (required for pre-vet)	129 (3) W EOY ODD	115 (3) SuII	120L (1) F
103 (5) W	133 (4) W		130 (4) W
	134 (3) W	<b><u>Engineering: Computer Science (ECS)</u></b>	
	135 (3) F	124 (4) S	
	136 (3) F		

Note: You may only use courses that are not a part of your specialization requirement.

\*\*Can only be used once for credit in this category. Additionally, only 4 UNITS of ANS 192 may be used

**5. UNRESTRICTED ELECTIVES: To bring the total units to at least 180 (10-40 units).**

**ADDITIONAL COURSES FOR UC DAVIS SCHOOL OF VETERINARY MEDICINE PREP (SUBJECT TO CHANGE):**

- CHE 2C (5) F, S, SuI \_\_\_\_
- If CHE 118A-B taken, CHE 118C F, S, SuI (4) \_\_\_\_
- ABI 102 (5) F \_\_\_\_ (if not chosen for Restricted Electives)
- PHY 1A (3) F \_\_\_\_, PHY 1B (3) W \_\_\_\_ **OR** PHY 7A \_\_\_\_; 7B \_\_\_\_
  - For students interested in other veterinary schools, PHY 7C \_\_\_\_ is recommended
- Completion of a Bachelor's Degree covers English requirement for the UC Davis Veterinary School.
  - For students interested in other veterinary schools, 12 units of English may be required.

*Note: 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 each school's unique requirements. For more information, please refer to the UCD Veterinary Medicine admissions website or see an Animal Science Advisor.*

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# ANM Courses That Fulfill General Education Requirements

	Fulfilled By Major	Remaining Requirements
<b>Topical Breadth</b> (Requires 52 Units Total)	<b>Science &amp; Engineering (SE):</b>	<b>Arts &amp; Humanities (AH):</b> (UWP Upper Div.)
	<u>CHE 2A</u> 5	_____
	<u>CHE 2B</u> 5	_____
	<u>BIS 2A</u> 5	_____
	<u>BIS 2B</u> 5	_____
	12-20 units <u>max. 20</u>	_____
	<b>Social Sciences (SS):</b>	12-20 units                      _____
	<u>ECN 1A</u> 4	<u>Total AH:</u> <u>12 units</u> <input type="checkbox"/> Satisfied
	<u>ECN 1B</u> 4	
	<u>MGT 11A</u> 4	
	<u>MGT 11B</u> 4	
	<u>ARE 100A</u> 4	
<b>Core Literacies</b> (Requires 27 Units Total)	12-20 units <u>max. 20</u>	
	<b>Literacy with Words &amp; Images:</b>	<b>Civic &amp; Cultural Literacy Continued</b> (2 courses required):
	Writing Experience (WE):	Domestic Diversity (DD):
	<u>ANS 2</u> 4	_____
	<u>NUT 115</u> 4	_____
	6 units <u>complete</u>	3 units                      _____ <input type="checkbox"/> Satisfied
	Oral Skills or Additional Writing Experience (OL):	World Cultures (WC):
	<u>BIS 2C</u> 5	_____
	3 units <u>complete</u>	3 units                      _____ <input type="checkbox"/> Satisfied
	Visual Literacy (VL):	<u>Total:</u> <u>6 units</u> <input type="checkbox"/> Satisfied
	<u>BIS 2B</u> 5	
	3 units <u>complete</u>	
	<b>Quantitative Literacy (QL):</b>	
	<u>MAT 16A</u> 3	
	3 units <u>complete</u>	
	<b>Scientific Literacy (SL):</b>	
	<u>MAT 16B</u> 3	
	3 units <u>complete</u>	
	<b>Civic &amp; Cultural Literacy:</b>	<b>Important Notice: AP Credit CANNOT be</b> <b>used as GE credit</b>
	American Cultures, Governance & History (ACGH):	For more information, visit
	<u>ECN 1A</u> 4	<a href="http://catalog.ucdavis.edu/ugraded/gereqt.html">http://catalog.ucdavis.edu/ugraded/gereqt.html</a>
	3 units <u>complete</u>	
	<u>Total:</u> 21	

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