

ANIMAL SCIENCES UNDERGRADUATE REQUIREMENTS

Name: _____

REQUIREMENT	SEM	YR	Preq.	E-CR	Elective	W**
TOTAL CREDITS				128		5
				98	28	0
1. UNIVERSITY CORE REQUIREMENTS						
1.1 Written Communication (FR - 3 credits)						
___ ENG 100 (PreVet)	___	___	#	3	___	___
1.2 Symbolic Reasoning (FS - 3 credits)						
___ MATH 140(FS) (PreVet)	___	___	#	3	___	___
1.3 Global and Multicultural Perspectives (FG - 2 courses/6 credits)						
___ _____	___	___	___	3	___	___
___ _____	___	___	___	3	___	___
1.4 Arts and Humanities (DA, DH, DL; 2 courses/ 6 credits)						
___ SP 151(DA) or SP 251(DA)(same as 2)	___	___	___	3	___	___
___ Humanities	___	___	___	3	___	___
___ Literature	___	___	___	___	___	___
1.5 Natural Sciences (DB, DP, DY; 7 credits/1 of each) (same as 3.1)						
___ Biological*** (same as 3.1)	___	___	___	___	___	___
___ CHEM 161 (DP) (same as 3.1)	___	___	___	___	___	___
___ CHEM 161L (DY) (same as 3.1)	___	___	___	___	___	___
1.6 Social Sciences (DS; 2 courses from different dept/6 credits)						
___ NREM 220 <u>or</u> ECON 131	___	___	___	3	___	___
___ _____	___	___	___	3	___	___
1.7 Manoa Focus (H, E, & O - 1 course each/ W - 5 courses)						
___ Hawaiian/Asian & Pacific Issues (H)	___	___	___	3	___	___
___ Cont. Ethical Issues - ANSC 350 (E)	___	___	___	3	___	___
___ Oral Communication (O)	___	___	___	___	___	___
___ Writing Intensive (W) _____	___	___	___	___	___	___
___ (W) _____	___	___	___	___	___	___
___ (W) _____	___	___	___	___	___	___
___ (W) _____	___	___	___	___	___	___
___ (W) _____	___	___	___	___	___	___
2. CTAHR CORE REQUIREMENTS						
___ NREM 310 (PreVet) <u>or</u> FAMR 380 & 380L	___	___	___	3	___	___
___ ANSC 492(W) Internship	___	___	___	4	___	___
___ SP 151(DA) or SP 251(DA) (same as 1.4)	___	___	___	___	___	___

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	<u>SEM</u>	<u>YR</u>	<u>Preq.</u>	<u>E-CR</u>	<u>Elective</u>	<u>W**</u>
3. ANIMAL SCIENCE CORE REQUIREMENTS						
3.1 Basic Sciences (any of these fulfills 1.5)						
___ CHEM 161(DP) (PreVet)	___	___	#	3	___	___
___ CHEM 161L(DY) (PreVet)	___	___	___	1	___	___
___ CHEM 162(DP) (PreVet)	___	___	Chem 161	3	___	___
___ CHEM 162L(DY) (PreVet)	___	___	Chem 161L	1	___	___
___ CHEM 272(DP) (PreVet) Organic	___	___	Chem 162	3	___	___
___ CHEM 272L(DY) (PreVet)	___	___	Chem 162L	2	___	___
___ MBBE 402(DB) (PreVet) Biochemistry	___	___	Chem 272	4	___	___
___ MBBE 402L(DY) (PreVet)	___	___	Chem 272L	2	___	___
___ PHYS 151(DP) (PreVet)	___	___	Math 140	3	___	___
___ PHYS 151L(DY) (PreVet)	___	___	___	1	___	___
___ BIOLOGICAL SCIENCE OPTION ***	___	___	___	3	___	___
*** Choose 1 (ONE): BIOL 171(DB) (PreVet), MICRO 130(DB), or ZOOL 101(DB)						
3.2 Animal Science Core						
___ ANSC 200 - Humans & Animals	___	___	___	3	___	___
___ ANSC 201 - Principles & Practices	___	___	___	3	___	___
___ ANSC 244 - Comparative Nutrition	___	___	Chem 161	3	___	___
___ ANSC 301(W) - Anatomy of Ag. Anim.	___	___	Ansc 200	4	___	___
___ ANSC 321 - Applied Anim. Nutrition	___	___	Ansc 244	3	___	___
___ ANSC 445 (PreVet) - Genetics	___	___	Ansc 200	3	___	___
3.3 Animal Science Options (Choose 4)						
___ ANSC 446 - Genes	___	___	Ansc 301	3	___	___
___ ANSC 451 - Physiology	___	___	Ansc 301	3	___	___
___ ANSC 453 - Diseases	___	___	Ansc 301	3	___	___
___ ANSC 454/454L - Meat Science	___	___	Ansc 301	___	4	___
___ ANSC 462 (W) - Repro. & A.I.	___	___	Ansc 301	4	___	___
___ ANSC 472(W) - Endocrinology	___	___	Ansc 301	___	3	___
3.4 Animal Science Production Options (Choose 1)						
___ ANSC 431 (Beef)	___	___	Ansc 301	3	___	___
___ ANSC 432 (Swine)	___	___	Ansc 301	___	___	___
___ ANSC 433 (Dairy)	___	___	Ansc 301	___	___	___
___ ANSC 450 (Aquaculture)	___	___	Ansc 301	___	___	___
4. ELECTIVES						
___ Biol 171 L	___	___	___	___	1	___
___ Biol 172 W/ L	___	___	___	___	4	___
___ Chem 273 W / L	___	___	___	___	4	___
___ Phys 152 W / L	___	___	___	___	4	___
___ Biol 275 W / L	___	___	___	___	4	___
___ Micro 351 W / L	___	___	___	___	4	___

* 60 credits must in upper division courses (300 Level and above) which require prerequisites.

** Students must take five writing intensive (W) courses.

Placement test required prior to registration