COLLEGE of AGRICULTURE, FORESTRY & NATURAL RESOURCE MANAGEMENT

UNIVERSITY OF HAWAI'I HILO

ANIMAL SCIENCE Specialty
SUSTAINABLE LIVESTOCK PRODUCTION Curriculum
Effective Fall 2004

STUDENT NAME:		**ADVISOR NAME:**	
REQUIREMENTS for GRADUATION: To earn a Bachelor of Science Degree in Agriculture with a specialization in ANIMAL SCIENCE with a SUSTAINABLE LIVESTOCK PRODUCTION Curriculum, a student must complete a minimum of 123 semester hours with a cumulative GPA of 2.0. It is the responsibility of the student to make certain that all requirements for graduation are met.			
COURSE NUMBER	**COURSE TITLE**	**CREDIT HOURS**	**SEM/YR COMPLETED**
GENERAL EDUCATION REQUIREMENTS (see UH-Hilo General Education Requirements) **40 hours** *In the Agriscience and Supplemental Requirements sections, some of the required courses also qualify as General Education Requirements. Because of this, students need to complete only 15 hours of courses in this section.*			
ENG 100 or ENG 100T or ESL 100	English Composition	3	
	Quantitative Reasoning (100 or 200 level Math, except 199 or 299)) *MATH 121, taken under the Supplemental Requirements also applicable here.*	3	
AG 230 or ANTH 100 or ENG 253, 254 or GEOG 102 or HIST 151, 152 or KInd 240 or MUS/ANTH 170	World Cultures: TWO Courses TOTAL of 6 hours *AG230, taken under the Agriscience Requirements, also applicable here.*	3	
		3	
	Humanities: THREE 100 or 200 level courses in <u>different</u> disciplines TOTAL of 9 hours *COM course and ENG 225 taken under the Supplemental Requirements also applicable here.*	3	
		3	
		3	
	Social Sciences: THREE 100 or 200 level courses in <u>different</u> disciplines TOTAL of 9 hours *AGEC 201 taken under the Agriscience Requirements also applicable here.*	3	
		3	
		3	
	Natural Sciences: THREE 100 or 200 level courses in <u>different</u> disciplines TOTAL of 10 hours Including 1 credit hour of laboratory *Courses taken under the Agriscience & Supplemental Requirements also applicable here.*	3	
		3	
		4	
Requirements for Major **including GE Courses, 123 hours**			
AGRISCIENCE REQUIREMENTS **64 hours**			
AG 230*	Sustainable Agriculture	3	
AG 497	Senior Seminar	1	
AGBU 110	Introduction to Microcomputing for Agriculture	3	
AGEC 201*	Agriculture Economics	3	
AGEC 221*	Agricultural Accounting and Records Analysis	3	
AGEC 322 or AGEC 330	Marketing Agricultural Products *(Prerequisite: Introductory course in econ or agricultural econ)* Farm Management *(Prerequisite: Introductory course in econ or agricultural econ, ACC 250)*	3	
AGEN 231	Introduction to Agricultural Mechanization	3	
AGRN 410	Soil-Plant-Herbivore Interrelations *(Prerequisite: ANSC 141, BIOL 153 or HORT 262)*	3	

COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SEM/YR COMPLETED
ANSC 141*	Introduction to Animal Science	3	
ANSC 244*	Fundamentals of Animal Nutrition *(Prerequisite: ANSC 141, CHEM 124 -125)*	3	
ANSC 321	Feeds and Feeding *(Prerequisite: ANSC 141. ANSC 244)*	3	
ANSC 350	Anatomy and Physiology of Farm Animals *(Prerequisite: ANSC 141, CHEM 124)*	3	
ANSC 445	Animal Breeding and Genetics *(Prerequisite: ANSC 141. Rec: MATH 121 or equivalent)*	3	
ANSC 450	Reproduction of Farm Animals *(Prerequisite: ANSC 141. Rec: ANSC 350)*	3	
ANSC 453	Animal Diseases and Parasites I *(Prerequisite: ANSC 141)*	3	
ANSC 454	Animal Diseases and Parasites II *(Prerequisite: ANSC 141)*	3	
ANSC 490	Animal Science Internship *(Permission of instructor required. ANSC 141 and at least TWO ANSC 342, 351, 353, 354 and 355)*	3	
ANSC 342 or ANSC 351 or ANSC 353 or ANSC 354 or ANSC 355 or	Animal Science Production: THREE Courses TOTAL of 9 hours	3	
		3	
		3	
HORT 262*	Principles of Horticulture	3	
SOIL 304	Tropical Soils *(Prerequisite: CHEM 124)*	3	
SUPPLEMENTAL REQUIREMENTS			**27 hours**
BIOL 150-150L*	Principles of Zoology and Lab	4	
BIOL 153-153L*	General Botany and Lab	4	
CHEM 124-125* and CHEM 124D-125D and CHEM 124L-125L*	General Chemistry I, II and Discussions and Labs *(Prerequisite: high school chemistry or CHEM 114 and high school algebra or MATH 104 and placement by exam)*	10	
COM 100* or COM 151* or COM 200* or COM 251*	Human Communication in a Diverse Society Introduction to Speech Communication Fundamentals of Interpersonal Communication Public Speaking	3	
ENG 225*	WI/Writing for Science and Technology *(Prerequisite: ENG 100/ESL 100)*	3	
MATH 121*	Introduction to Statistics and Probability *(Prerequisite: Recommendation in Math Placement Test)*	3	
ELECTIVES *Some suggested electives are other Animal Science courses not listed as requirements, other agricultural courses and other science courses. Additional science courses (CHEM 241/242, BIOL 410, PHYS 106/170L, PHYS 107/171L, MATH 104) would be useful if you decide later to apply for M.S. or D.V.M. program after graduation.*			**17 hours**

NOTE: ANSC 141 must be completed before taking other Animal Science classes.
AG 497 may be taken before senior year.

*Can be used for General Education Requirements, if courses are from lower division.

SUMMARY:

Expected Graduation Date: _____ Requirements will have been met? YES NO

GPA: _____ Cumulative GPA in Major: _____

199 or 399 Rule: _____ CR/NC Rule: _____

Ten-Year Rule: _____ Resident in Final Term: _____