

PROGRAM ARTICULATION DEGREE PLAN					
Highland Community College 2023-2024 AS Animal Science - 68 Hours		Southern Illinois University Carbondale BS Animal Science (ANS) Science & Pre-Veterinary Specialization - 120 Hours			
		University Core Curriculum (UCC) - 39 hrs*			
		Hrs			Hrs
SPCH 191	Fundamentals of Speech Comm	3	UNIV 101	Saluki Success	NA
ENGL 121	Rhetoric & Composition I	3	CMST 101	Intro Oral Communication	T
ENGL 122	Rhetoric & Composition II	3	ENGL 101	English Composition I	T
MATH 134	Statistics	4	ENGL 102	English Composition II	T
MATH 166	College Algebra	4	MATH 282	Intro to Statistics	T
AGRI 184	Intro to Agricultural Economics	4	MATH 108	College Algebra	T
	Social & Behavioral Sciences	3	ABE 204	Intro Econ of Food, Fiber & Natural Resources	T
	Humanities	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	T
			HUMANITIES	See SIUC Transfer Equivalency Guide	T
			HUMANITIES		NA
CHEM 123	General College Chemistry I	5	CHEM 200 -and- 201	Intro to Chemical Principles w/Lab	T
CHEM 124	General College Chemistry II	5	CHEM 210 -and- 211	General & Inorganic Chemistry w/Lab	T
BIOL 208 -and- 209	Biology I & Biology II	8	BIOL 211 -and- 212	Intro Cell Biology & Genetics & Intro Evolution & Ecology	T
	Fine Arts	3	FINE ARTS	See SIUC Transfer Equivalency Guide	T
			HUMAN HEALTH		NA
			MULTICULTURAL		NA
		48			0
			*An AS from a regionally accredited Illinois community college satisfies UCC requirements		
Program Requirements			Program Requirements		
AGOC 143	Evaluation of Livestock Animals	2	Any unarticulated courses will be used to satisfy general elective credit		
AGOC 240	Farm Accounting	3			
AGOC 226	Animal Nutrition	3	ANS 315	Feeds & Feeding	T
AGRI 182	Introductory Agricultural Mechanization	4	AGSE 170	Intro Physical Principles in Ag	T
AGRI 186	Intro to Animal Science	4	ANS 121 -and- 122	Intro to Animal Science w/Lab	T
AGRI 286	Crop Science	4	CSEM 200	Intro to Crop Science	T
		20			
			MATH 109	Trigonometry & Analytic Geometry	3
			CHEM 340 -and- 341	Organic Chemistry I w/Lab	5
			CHEM 350	Intro to Biological Chemistry	3
			MICR 301	Principles of Microbiology	4
			PHYS 203A -and- 253A	College Physics w/Lab	4
			PHYS 203B -and- 253B	College Physics w/Lab	4
			ZOOL 118	Principles of Animal Biology	4
			ANS 215	Intro to Nutrition	2
			ANS 331	Growth & Developmental Physiology of Animals	4
			ANS 332	Animal Genetics	3
			ANS 337	Animal Health	3
			ANS 381	Animal Science Seminar	1
			ANS 431	Reproductive Physiology	4
			ANS Electives	300/400 level	8
			Select 1 Course:	ANS 409, 430, 465 -or- 485	4
			Electives	300/400 level	3
			*Credit from all areas must total 42 hours of 300/400 level courses		
					59
Total semester hrs completed w/AS degree:		68	Total semester hrs completed w/BS degree:		59
			Total hrs to BS degree:		127
Degree Plan updated on 1/17/24 by SG					