

Bachelor of Science – Feed & Pet Food Science

SUBPLAN: Science Option

CATALOG YEAR: Fall 2025 (Fall 25 | Spring 26)

Name: _____

ID: _____ Date: _____

GENERAL EDUCATION K-STATE CORE*			34 hr
#1 – English			
	ENGL 100	Expository Writing I	3
	ENGL 200	Expository Writing II	3
#2 – Communications**			
			3
#3 – Math / Statistics (FDSCI Math Pathway=STAT 225)			
	STAT 225	Introduction to Statistics	3
#4 – Natural / Physical Science**			
			4
#5 – Social & Behavioral Sciences			
			3
			3
#6 – Arts & Humanities			
			3
			3
#7 – Electives** (any 100 or 200 level course)			
			3
			3
*General Education course list available at: https://www.k-state.edu/general-education/			
**Applicable courses from Degree Requirements can be applied in GE; doing so creates Unrestricted Elective hours in Degree Requirements.			

DEGREE REQUIREMENTS			86 hr
BUSINESS AND MANAGEMENT			9 hr
Business Management Electives: Select 9 hr from list.#			9
QUANTITATIVE STUDIES			3 hr
	MATH 205	Gen. Calculus & Linear Alg.	3
	STAT 225	Introduction to Statistics	in GE#3
NATURAL SCIENCES			32 hr
	BIOL 198	Principles of Biology	4
	BIOL 255	General Microbiology	4
	BIOCH 521	General Biochemistry	3
	PHYS 113	General Physics I	4
	PHYS 114	General Physics II	4
	CHM 210	Chemistry I	4
	CHM 230	Chemistry II	4
	CHM 350	General Organic Chemistry	3
	CHM 351	General Organic Chemistry Laboratory	2

For course descriptions and pre-requisites: catalog.k-state.edu
 Requirements subject to change by catalog year; contact
 mentor/advisor for guidance.

DEGREE REQUIREMENTS, cont.			
FEED AND PETFOOD SCIENCE CORE			34 hr
	GRSC 100	Foundations in Grain Science and Industry	1
	GRSC 101	Fundamentals of Grain Processing	3
	GRSC 112	Feed and Pet Food Experience	1
	GRSC 312/313	Introduction to Feed and Pet Food Processing	4
	GRSC 591	Internship in Grain Science	1
	GRSC 612	Advanced Feed Technology II and Feed Industries	3
	GRSC 615	Animal Food Safety	1
	GRSC 620	Extrusion Processing in the Food and Feed Industries	4
	GRSC 645	Pet Food Processing	3
	GRSC 650	Nutritional Impacts of Processing	3
	GRSC 651	Food and Feed Product Protection	2
	GRSC 655	Feed Mill Plant Design	2
	GRSC 661	Qualities of Feed Ingredients	3
	ASI 202	Domestic Animal Nutrition	3
SPECIALIZATION ELECTIVES			8 hr
Select 8 hr from Dept. list.#			8
UNRESTRICTED ELECTIVES**			Var.
As needed to achieve 120 total credits.			(1 - 14)

Additional general requirements for degree completion:

- ___ At least 120 total hours
- ___ At least 45 hours at 300-level or above
- ___ No more than 75 hours from 2-year institution
- ___ At least 30 of 120 hours at K-State
- ___ At least 15 of last 30 hours at K-State
- ___ Minimum 2.0 K-State GPA

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#ELECTIVE & DEPT LISTS

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BUSINESS ELECTIVES (Dept List):

Any course from the following prefixes:

ACCTG, AGECE, ECON, ENTRP, FINAN, LEAD, MANGT, MKTG

SPECIALIZATION ELECTIVES (Dept List):

Any course from the following prefixes:

ASI, ASMS, ATM, AGRON, BIOCH, CHM, ENTOM, FDSCI, FNDH, GRSC