

AG ECON MAJOR/SPECIALTY OPTION: Pre-Vet
Program of Study for B.S. Degree in Agriculture (Effective Fall 2018)

<u>First Semester</u>			<u>Cr.</u>	<u>Second Semester</u>			<u>Cr.</u>
ENGL 100	Expository Writing I	3	_____	MATH 205	General Calculus & Linear Algebra	3	_____
MATH 100	College Algebra	3	_____	AGEC 120	Ag Econ & Agribusiness	3	_____
AGEC 105	Ag Econ & Agbus Orientation	1	_____	COMM 105	Public Speaking IA	2	_____
AGEC 115	Decision Tools for Ag Econ & Agbus	2	_____	BIOL 198	Principles of Biology	4	_____
CHM 210	Chemistry I	4	_____	CHM 230	Chemistry II	4	_____
PSYCH 110	General Psychology	or	_____				
SOCIO 211	Intro Sociology	3	_____				
 <u>Third Semester</u>			<u>Cr.</u>	<u>Fourth Semester</u>			<u>Cr.</u>
ENGL 200	Expository Writing II	3	_____	ACCTG 231	Acctg. for Business Operations	3	_____
ECON 110	Principles of Macroeconomics	3	_____	PHYS 114	General Physics II	4	_____
PHYS 113	General Physics I	3	_____	CHM 350	General Organic Chemistry	3	_____
AGEC 315	Cont. Iss. in Glob. Fd. & Ag. Syst.	3	_____	CHM 351	General Organic Chemistry Lab	2	_____
AGEC 318	Food & Agbus Management	3	_____			3	_____
				Communication Elective: <i>Communication (above 300), English (above 210), or Modern Language.</i>			
 <u>Fifth Semester</u>			<u>Cr.</u>	<u>Sixth Semester</u>			<u>Cr.</u>
AGEC 500	Production Economics	3	_____	AGEC 501	Data Analysis & Optimization	3	_____
STAT 350	Business & Economics Statistics I	3	_____	AGEC 505	Ag Market Structures	3	_____
ACCTG 241	Acctg. for Investing & Finance	3	_____	AGEC 513	Ag Finance	3	_____
BIOCH 521	General Biochemistry	3	_____	AGEC 515	Food & Agbus Marketing	3	_____
		3	_____	ASI 500	Genetics	3	_____
Social Science Elective: AMETH, ANTH, HDFS 350, GEOG, GWSS, HIST, POLSC, PSYCH, and SOCIO							
 <u>Seventh Semester</u>			<u>Cr.</u>	<u>Eighth Semester</u>			<u>Cr.</u>
BIOL 455	General Microbiology	4	_____	AGEC 516	Ag Law & Economics	3	_____
AGCOM 400	Ag Business Communications	or	_____	AGEC 599	Food & Agbus Mngt. Strategies	3	_____
ENGL 516	Written Comm. for the Sciences	3	_____	Electives (restricted and free)			6
ECON 510	Intermediate Macroeconomics	3	_____				3
Ag & Food Tech Elective			3	Humanities Elective: ARCH 301, ART, DANCE, ENGL (above 210), MUSIC, Modern Language, HIST, PHILO, and THRE			
Electives (restricted and free)			6				

<u>Ag & Food Science Technology Electives</u>			<u>Cr.</u>	<u>3 crs. total</u>	<u>Degree Credit Requirements</u>
ASI 102	Principles of Animal Science	3	_____		1. Required 127 crs. total
ASI 105	Animal Sciences & Industry	1	_____		
ASI 106	Dairy & Poultry Science	1	_____		2. Transfer credits applied to degree
ASI 107	Companion Animal & Horse Lab	1	_____		
ASI 318	Fundamentals of Nutrition	3	_____		3. KSU credit required
ASI 320	Principles of Feeding	3	_____		
ASI 520	Companion Animal Management	3	_____		
FDSCI 302	Introduction to Food Science	3	_____		
FDSCI 305	Fundamentals of Food Processing	3	_____		

(See department list for other courses) **Advisor Recommendations**

<u>Free Electives</u>	<u>6 crs. total</u>
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K-State 8
(See reverse side)

Courses numbered below 100 will not be applied to degree requirements.

Except for free electives all courses applied to graduation must be taken for a grade.

Maximum number of credits from 2 year institution(s) is 63.

20 of the last 30 credits must come from KSU.

Kansas Board of Regents requires all graduates to complete 45 credits at or above the 300 level.

<u>Ag Econ Electives</u>			<u>6 crs. total</u>
AGEC 598	Farm Management Strategies	3	_____
AGEC 605	Price Analysis & Forecasting	3	_____
AGEC 610	Cur Ag & Nat. Res. Pol. Issues	3	_____
AGEC 615	Global Ag Development	3	_____
AGEC 623	International Ag Trade	3	_____
ECON 631	Principles of Transportation	3	_____
AGEC 632	Agribusiness Logistics	3	_____
AGEC 680	Risk Management	3	_____
AGEC 710	Comparative Food & Ag Systems	3	_____
AGEC 712	Optimization Tech. for Ag Econ	3	_____
GENAG 515	Honors/Scholars Project	2	_____

K-State 8 General Education Requirement

You must successfully complete courses/experiences for credit to cover all of the K-State 8 areas. If you plan well this **should not** add additional hours to the 127 credits required for the Ag Econ/Agbus degree. When a course is tagged for two areas, you **may count that course toward both requirements**. (A course can only be used for two tags.) You must have a **minimum of four course prefixes** (AGEC) from different departments. Equivalent transfer classes will satisfy the K-State 8 requirements. *The courses listed are some of the most common ways for you to meet the requirements.*

Locating Tagged Courses:

- * Course are tagged in the Line Schedule
- * Course are tagged in the University Catalog
- * You can search for tagged classes by category in KSIS search



1. **Aesthetic Experience & Interpretive Understanding:** _____
(ARCH 301, COMM 311 & 323, ENGL 220, 251, 253, 270, MUSIC 170 & 250, THRE 270, SPAN 101 & 102)
(Modern Languages, some Humanities or Communication Elective Courses)



2. **Empirical & Quantitative Reasoning:** _____
(MATH 100 or 205, ACCTG 231 or 241, STAT 350, ECON 510)



3. **Ethical Reasoning & Responsibility:** _____
(AGEC 315, 516, 520, 570, 615 or COMM 311)



4. **Global Issues & Perspectives:** _____
(Some History courses, ECON 110, AGEC 315, 460, 570, 599, 615, 623, 632 or 710, GEOG 100, GRSC 101)



5. **Historical Perspectives:** _____
(AGEC 410, 470, 605 or 632, HIST 151, 152, 557, 558, ARCH 301, POLSC 115, 321)



6. **Human Diversity within the U.S.:** _____
(SOCIO 211, LEAD 212, COMM 322, COMM 323, GEOG 310, HIST 151, 152, 557, 558, MANGT 520, GWSS 105)



7. **Natural & Physical Science:** _____
(BIOL 198, CHM 110, PHYS 113, FDSCI 302, AGRON 220, AGRON 305, ASI 318)



8. **Social Science:** _____
(AGEC 120, 121, 308, 318, 500, 505, 525, 598 or 610, ECON 110, ECON 510, PSYCH 110, SOCIO 210, MKTG 400, MANGT 420)