

**AG ECON MAJOR/FARM MANAGEMENT OPTION**  
**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	ASI	102	Principles of Animal Science	3
PSYCH	110	General Psychology	or	ASI	105	Animal Sciences & Industries	or
SOCIO	211	Intro to Sociology	3	ASI	106	Dairy & Poultry Science	1
ATM	160	Engineered System & Tech Ag	3			Natural Science Elective	4

<u>Third Semester</u>			<u>Cr.</u>	<u>Fourth Semester</u>			<u>Cr.</u>
ENGL	200	Expository Writing II	3	AGEC	315	Cont. Iss. in Glob. Fd. & Ag. Syst.	3
ECON	110	Principles of Macroeconomics	3	ACCTG	231	Accounting Business Operations	3
AGEC	308	Farm & Ranch Management	3	AGRON	220	Crop Science	4
		Natural Science Elective	4	STAT	350	Business Economics Statistics I	3
			3			Communication Elective: <i>Communication (above 300), English (above 210), AGCOM 400 or a Modern Language.</i>	3
Humanities Elective: ARCH 301, ART, DANCE, ENGL (above 210), MUSIC, Modern Language, HIST, PHILO, and THRE							

<u>Fifth Semester</u>			<u>Cr.</u>	<u>Sixth Semester</u>			<u>Cr.</u>
AGEC	500	Ag Production Econ	3	AGEC	505	Ag Market Structures	3
AGEC	501	Data Analysis & Optimization	3			Social Science Elective: AMETH, ANTH, HDF5 350, GEOG, GWSS, HIST, POLSC, PSYCH, and SOCIO	3
AGEC	513	Ag Finance	3			Communication Elective: <i>Communication (above 300), English (above 210), AGCOM 400 or a Modern Language.</i>	3
ACCTG	241	Accounting for Inv. & Fin.	3			Electives (restricted and free)	5-8 crs.
AGRON	305	Soils	4				

<u>Seventh Semester</u>			<u>Cr.</u>	<u>Eighth Semester</u>			<u>Cr.</u>
AGEC	598	Farm Management Strategies	3	ECON	510	Intermediate Macroeconomics	3
Electives (restricted and free)			13 crs.	Electives (restricted and free)			12-15 crs.

<u>Natural Science Electives</u>			<u>8 crs. total</u>	<u>Ag Econ Electives</u>			<u>15 crs. total</u>
CHM	110	General Chemistry	3	<b>*See Ag. Econ. Elective Requirements</b>			
<b>AND</b>				AGEC	410	Ag Policy	3
CHM	111	General Chemistry Lab	1	AGEC	420	Commodity Futures	3
BIOL	198	Principles of Biology	4	AGEC	460	Int'l Food & Agbus Study Tour	3
PHYS	113	General Physics I	4	AGEC	470	Cooperative Management	3
				AGEC	515	Food & Agbus Marketing	3
				AGEC	516	Ag Law & Economics	3
				AGEC	520	Market Fund & Fut/Opt Trading	3
				AGEC	525	Natural Resource & Envir Econ	3
				AGEC	535	Agricultural Sales	3
				AGEC	570	Food Manuf. Distrib & Retailing	3
				AGEC	599	Food & Agbus Mngt. 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
				AGEC	751	Risk Mgmt. Fellows Seminar	1
				GENAG	515	Honors/Scholars Project	2

<u>Ag &amp; Food Science Technology Electives</u>			<u>Cr.</u>	<u>9 crs. total</u>	<u>Degree Credit Requirements</u>
AGRON	330	Weed Science	3		1. Required 127 crs. total
AGRON	375	Soil Fertility	3		
AGRON	501	Range Management	3		2. Transfer credits applied to degree
ASI	318	Fundamentals of Nutrition	3		
ASI	320	Principles of Feeding*	3		3. KSU credit required
ASI	400	Farm Animal Reproduction	4		
ASI	515	Beef Science	3		
ASI	535	Swine Science	3		
ENTOM	300	Economic Entomology	3		
PLPTH	500	Principles Plant Pathology	3		
BAE	350	Off Road Machinery Systems	2		
BAE	351	Machinery Systems Lab	1		
ATM	511	Ag Building Systems	3		
ATM	545	Processing & Storage of Grains	3		
ATM	653	Water Management & Irrigation Systems	2		
ATM	654	Water Management & Irr. Systems Lab	1		
ATM	661	Watershed Assessment Management	3		

(See department list for other courses)

**Free Electives (9-12 crs. total)**

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*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.**

- \*Ag. Econ. Elective Requirements**
- Must include at least one numbered 600 or above.
  - No more than 3 combined total credits from AGECE 460, AGECE 751, and GENAG 515 can be used toward Ag Electives.

**K-State 8**  
 (See reverse side)

## 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 & 321, 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 251, 252, 557, 558, ARCH 301, POLSC 115, 321)



6. **Human Diversity within the U.S.:** \_\_\_\_\_  
(SOCIO 211, LEAD 212, COMM 323, COMM 322, GEOG 310, HIST 251, 252, 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)