

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	_____
AGEC 105	Ag Econ & Agbus Orientation	1	_____	AGEC 120	Ag Econ & Agribusiness	3	_____
AGEC 115	Decision Tools for Ag Econ & Agbus	2	_____	COMM 105	Public Speaking IA	2	_____
PSYCH 110	General Psychology	or	_____	ASI 102	Principles of Animal Science	3	_____
SOCIO 211	Intro to Sociology	3	_____	ASI 105	Animal Sciences & Industries	or	_____
ATM 160	Engineered System & Tech Ag	3	_____	ASI 106	Dairy & Poultry Science	1	_____
Elective (restricted or free)		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	_____			3	_____
Humanities Elective: ARCH 301, ART, DANCE, ENGL (above 210), MUSIC, Modern Language, HIST, PHILO, and THRE				Communication Elective: <i>Communication (above 300), English (above 210), AGCOM 400 or a Modern Language.</i>			

<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	_____	Electives (restricted and free)		7 crs.	_____
AGEC 513	Ag Finance	3	_____			3	_____
ACCTG 241	Accounting for Inv. & Fin.	3	_____	Social Science Elective: AMETH, ANTH, HDFS 350, GEOG, GWSS, HIST, POLSC, PSYCH, and SOCIO			_____
AGRON 305	Soils	4	_____			3	_____
				Communication Elective: <i>Communication (above 300), English (above 210), AGCOM 400 or a Modern Language.</i>			

<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)		13	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	_____	AGEC 410	Ag Policy	3	_____
AND				AGEC 420	Commodity Futures	3	_____
CHM 111	General Chemistry Lab	1	_____	AGEC 460	Int'l Food & Agbus Study Tour	3	_____
BIOL 198	Principles of Biology	4	_____	AGEC 470	Cooperative Management	3	_____
PHYS 113	General Physics I	4	_____	AGEC 515	Food & Agbus Marketing	3	_____

***See Ag. Econ. Elective Requirements**

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 & 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	_____		2. Transfer credits applied to degree	_____
AGRON 501	Range Management	3	_____		3. KSU credit required	_____
ASI 318	Fundamentals of Nutrition	3	_____			
ASI 320	Principles of Feeding	3	_____			
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)

_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

<u>Free Electives (9-12 crs. total)</u>			<u>Cr.</u>	<u>9 crs. total</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

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.

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)