

First Semester		Cr.
ENGL 100	Expository Writing I	3
MATH 220	Analytic Geometry & Calculus I	4
AGEC 105	Ag Econ & Agbus. Orientation	1
AGEC 115	Decision Tools for Ag Econ & Agbus.	2
PSYCH 110	General Psychology	or
SOCIO 211	Intro to Sociology	3
Ag or Food Science Elective		3-4 crs.

Third Semester		Cr.
ENGL 200	Expository Writing II	3
ECON 110	Principles of Macroeconomics	3
MATH 222	Analytic Geometry & Calculus III	4
AGEC 315	Cont. Iss. in Glob. Fd. & Ag. Syst.	3
Electives (restricted or free)		3-6 crs.

Fifth Semester		Cr.
STAT 510	Intro Probability & Statistics I	or
STAT 350	Business & Economics Statistics I	3
AGEC 501	Data Analysis & Optimization	3
AGEC 505	Ag Market Structures	3
ACCTG 241	Acctg. for Investing & Finance	3
Electives (restricted and free)		3

Communication Elective: *Communication (above 300), English (above 210), AGCOM 222 or a Modern Language.*

Social Science Elective: *AMETH, ANTH, HDFS 350, GEOG, GWSS, HIST, POLSC, PSYCH, and SOCIO*

Seventh Semester		Cr.
ECON 510	Intermediate Macroeconomics	3
Electives (restricted and free)		13 crs.

Natural Science Electives		8 crs. total
CHM 110	General Chemistry	3
AND		
CHM 111	General Chemistry Lab	1
BIOL 198	Principles of Biology	4
PHYS 113	General Physics I	4

Free Electives (15 crs. total)

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

Second Semester		Cr.
MATH 221	Analytic Geometry & Calculus II	4
AGEC 120	Ag Econ & Agribusiness	3
COMM 105	Public Speaking IA	2
Natural Science Elective		4

Fourth Semester		Cr.
PHILO 110	Intro Formal Logic	3
AGEC 500	Production Economics	3
ACCTG 231	Acctg. for Business Operations	3
Natural Science Elective		4

Communication Elective: *Communication (above 300), English (above 210), AGCOM 222 or a Modern Language.*

Sixth Semester		Cr.
STAT 511	Intro Probability & Statistics II	or
STAT 351	Business & Economics Statistics II	3
MATH 551	Applied Matrix Theory	3
CIS 111	Intro to Computer Programming	3
AGEC 560	Data Analytics for Ag. Econ.	3
Electives (restricted and free)		3

Eighth Semester		Cr.
Electives (restricted and free)		16 crs.

Quantitative Electives		6 crs. total
*See Ag. Econ. Elective Requirements		
AGEC 605	Price Analysis & Forecasting	3
AGEC 712	Optimization Tech Ag Econ	3
ECON 630	Intro to Econometrics	3
ECON 686	Econ Forecasting	3
ECON 735	Mathematical Economics	3
GEOG 508	Geographic Info System I	3
IMSE 541	Statistical Quality Control	3
IMSE 560	Intro to Operations Research I	3
MATH 312	Finite Applications of Mathematics	3
MATH 340	Elementary Differential Equations	4
MATH 540	Advanced Ordinary Diff Equations	3
MATH 670	Mathematical Modeling	3
MATH 755	Dynamic Modeling Processes	3
MANGT 421	Intro to Operations Management	3
MANGT 521	Managerial Decision Analytics	3
MKTG 642	Marketing Research	3
STAT 410	Probabilistic Systems Modeling	3
STAT 705	Regression & Analysis	3
STAT 706	Basic Elements of Stat. Theory	3

Ag Econ Electives		Cr.
*See Ag. Econ. Elective Requirements		
AGEC 308	Farm & Ranch Management	3
AGEC 318	Food & Agbus Management	3
AGEC 411	Ag Policy	3
AGEC 420	Commodity Futures Markets	3
AGEC 460	Int'l Food & Agbus Study Tour	3
AGEC 470	Cooperative Management	3
AGEC 513	Ag Finance	3
AGEC 515	Food & Agribusiness 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 598	Farm Management Strategies	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
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

Ag & Food Science Technology		6 crs. total
or		
AGRON 220	Crop Science	4
HORT 201	Principles of Horticultural Science	3
AGRON 305	Soils	1
AGRON 306	Soils Lab	3
AGRON 330	Weed Science	3
ATM 160	Engineered Systems & Tech. in Ag	3
ASI 102	Principles of Animal Science	1
ASI 105	Animal Sciences & Industry	3
ASI 106	Dairy & Poultry Science	1
ASI 218	Fundamentals of Nutrition	3
ASI 220	Principles of Feeding	3
FDSCI 202	Intro to Food Science	3
FDSCI 305	Fundamentals of Food Processing	3
GRSC 101	Fundamentals of Grain Processing	3

(See department list for other courses)

K-State 8
(See reverse side)

Degree Credit Requirements		127 crs. total
1. Required		127 crs. total
2. Transfer credits applied to degree		_____
3. KSU credit required		_____

Advisor Recommendations		_____
_____		_____
_____		_____
_____		_____
_____		_____
_____		_____
_____		_____
_____		_____
_____		_____
_____		_____

***Ag. Econ. Elective Requirements**
• Must include at least two numbered 598 or above.
• No more than 3 combined total credits from AGECEC 460, AGECEC 751, and GENAG 515 can be used toward Ag Econ Electives.

Finance Overlay:
Must include either AGECEC 513 or FINAN 450

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 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, THTR 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 411, 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)