

Attachment 2

Discussion Agenda Information – Academic Affairs

**Agriculture (3-28-11)**

Pages 2-10

# COLLEGE OF AGRICULTURE (approved 3-28-11)

## CURRICULUM CHANGE

### Agricultural Economics:

Agribusiness Degree: Options: Agribusiness; International; Food Industry. (Three options)

**FROM:**

**TO:**

ENGL 100 Expository Writing I	3	ENGL 100 Expository Writing I	3
ENGL 200 Expository Writing II	3	ENGL 200 Expository Writing II	3
COMM 105 Public Speaking IA	2	COMM 105 Public Speaking IA	2
AGCOM 400 Ag Business Comm	3	AGCOM 400 Ag Business Comm	3
Or		Or	
ENGL 516 Written Comm for Sci.	3	ENGL 516 Written Comm for Sci.	3
Comm. Elective	3	Comm. Elective	3
MATH 100 College Algebra	3	MATH 100 College Algebra	3
MATH 205 Calculus & Lin Alg	3	MATH 205 Calculus & Lin Alg	3
<del>SOCIO 211 Intro to Sociolgy</del>	<del>3</del>	<u>SOCIO 211 Intro to Sociology</u>	<u>3 or</u>
<del>PSYCH 110 Gen Psychology</del>	<del>3</del>	<u>PSYCH 110 Gen Psychology</u>	<u>3</u>
Social Science Elective	3	Social Science Elective	3
Humanities Elective	3	Humanities Elective	3
ECON 110 Prin. Of Macroeconomics	3	ECON 110 Prin. Of Macroeconomics	3
ECON 510 Int. Macroeconomics	3	ECON 510 Int. Macroeconomics	3
ACCTG 231 Acct. Bus. Operations	3	ACCTG 231 Acct. Bus. Operations	3
ACCTG 241 Acctg. For Inv. & Fin.	3	ACCTG 241 Acctg. For Inv. & Fin.	3
STAT 325 Intro to Stats	3	STAT 325 Intro to Stats	3
Or		Or	
STAT 350 & 351 Bus Econ Stat	6	STAT 350 & 351 Bus Econ Stat	6
Natural Science 2 of 3 courses	8	Natural Science 2 of 3 courses	8
CHEM 110 & 111 Gen Chemistry	4	CHEM 110 & 111 Gen Chemistry	4
BIOL 198 Prin of Biology	4	BIOL 198 Prin of Biology	4
PHYS 113 Gen Physics I	4	PHYS 113 Gen Physics I	4
AGEC 105 Ag Econ/Agbus Orient	1	AGEC 105 Ag Econ/Agbus Orient	1
AGEC 120 Ag Econ/Agbus	3	AGEC 120 Ag Econ/Agbus	3
AGEC 318 Food/Agbus Mangt	3	<u>AGEC 315 Contemp Issues Global Food &amp; Ag</u>	<u>3</u>
AGEC 490 Computer Applications	2	AGEC 318 Food/Agbus Mangt	3
AGEC 500 Production Economics	3	AGEC 490 Computer Applications	2
AGEC 505 Ag Market Structures	3	AGEC 500 Production Economics	3
AGEC 599 Food/Agbus Mgmt Strat	3	AGEC 505 Ag Market Structures	3
		AGEC 599 Food/Agbus Mgmt Strat	3
<b>Agribusiness Option</b>		<b>Agribusiness Option</b>	
<b>AGEC restricted electives</b>	<b>15 hrs</b>	<b>AGEC restricted electives</b>	<b>15 hrs</b>
AGEC 410 Ag Policy	3	AGEC 410 Ag Policy	3
<del>AGEC 415 Global Ag Econ Hun/Pov</del>	<del>3</del>	AGEC 420 Commodity Futures	3
AGEC 420 Commodity Futures	3	AGEC 460 Intl Food/Agbus Study Tour	0-6
AGEC 460 Intl Food/Agbus Study Tour	0-6	<i>(Limit 3 credits)</i>	
<i>(Limit 3 credits)</i>		AGEC 513 Ag Finance	3
AGEC 513 Ag Finance	3	AGEC 515 Food & Agbus Mktg	3
AGEC 515 Food & Agbus Mktg	3	AGEC 516 Ag Law & Econ	3
AGEC 516 Ag Law & Econ	3	AGEC 520 Mkt Fund & Fut/Opt	3
AGEC 520 Mkt Fund & Fut/Opt	3	AGEC 525 Nat Res & Envir Econ	3
AGEC 525 Nat Res & Envir Econ	3	AGEC 570 Food Manuf. Distrib. & Ret.	3
AGEC 570 Food Manuf. Distrib. & Ret.	3	AGEC 598 Farm Mgmt Strategies	3
AGEC 598 Farm Mgmt Strategies	3	AGEC 605 Price Analysis & Forecast	3
AGEC 605 Price Analysis & Forecast	3	AGEC 610 Cur Ag & Nat. Res. Pol.	3

AGEC 610 Cur Ag & Nat. Res. Pol.	3	AGEC 615 Global Agricultural Development	3
AGEC 623 Int'l Ag Trade	3	AGEC 623 Int'l Ag Trade	3
ECON 631 Prin of Transportation	3	ECON 631 Prin of Transportation	3
AGEC 632 Agribusiness Logistics	3	AGEC 632 Agribusiness Logistics	3
AGEC 680 Risk Management	3	AGEC 680 Risk Management	3
AGEC 710 Comp Food & Ag System	3	AGEC 710 Comp Food & Ag System	3
AGEC 712 Opt. Tech for Ag Econ	3	AGEC 712 Opt. Tech for Ag Econ	3
GENAG 515 Honors/Scholars Project	2	GENAG 515 Honors/Scholars Project	2
<b>Business electives (&gt;300 Level)</b>	<b>9 hrs</b>	<b>Business electives (&gt;300 Level)</b>	<b>9 hrs</b>
MANGT 420 Mangt Concepts	3	MANGT 420 Mangt Concepts	3
MANGT,MKTG,FINAN, or ACCTG 500 or above	3	MANGT,MKTG,FINAN, or ACCTG 500 or above	3
MANGT,MKTG,FINAN, or ACCTG el.	3	MANGT,MKTG,FINAN, or ACCTG el.	3
Finance Overlay		Finance Overlay	
AGEC 513 Ag Finance	3 or	AGEC 513 Ag Finance	3 or
FINAN 450 Prin Finance	3	FINAN 450 Prin Finance	3
<b>Ag &amp; Food Sci Technology restricted el.</b>	<b>6 hrs</b>	<b>Ag &amp; Food Sci Technology restricted el.</b>	<b>6 hrs</b>
AGRON 220 Crop Science	3	AGRON 220 Crop Science	3
HORT 201 Prin Hort Science	3	HORT 201 Prin Hort Science	3
AGRON 305 Soils	3	AGRON 305 Soils	3
AGRON 330 Weed Science	3	AGRON 330 Weed Science	3
ATM 160 Engineered System & Tech Ag	3	ATM 160 Engineered System & Tech Ag	3
ASI 102 Prin of Animal Science	3	ASI 102 Prin of Animal Science	3
ASI 105 Animal Sci & Industry	1	ASI 105 Animal Sci & Industry	1
ASI 106 Dairy/Poultry Science	1	ASI 106 Dairy/Poultry Science	1
ASI 318 Fund of Nutrition	3	ASI 318 Fund of Nutrition	3
ASI 320 Prin of Lvst Feeding	3	ASI 320 Prin of Lvst Feeding	3
FDSCI 302 Intro to Food Science	3	FDSCI 302 Intro to Food Science	3
FDSCI 305 Fund of Food Processing	3	FDSCI 305 Fund of Food Processing	3
GRSC 101 Intro to Grain Sci/Indust	3	GRSC 101 Intro to Grain Sci/Indust	3
<b>Ag &amp; Food Science Tech or Bus Electives</b>	<b>6 hrs</b>	<b>Ag &amp; Food Science Tech or Bus Electives</b>	<b>6 hrs</b>
<b>International Option</b>		<b>International Option</b>	
GEOG 100 World Regional Geog	3	GEOG 100 World Regional Geog	3
<del>AGEC 415 Global Ag Econ Hun/Pov</del>	<del>3</del>	AGEC 515 Food & Agbus Mktg	3
AGEC 515 Food & Agbus Mktg	3	AGEC 623 Int'l Ag Trade	3
AGEC 623 Int'l Ag Trade	3	<u>AGEC 615 Global Ag Econ Hun/Pov</u>	<u>3</u>
<b>Ag Econ Electives</b>	<b>9 hrs</b>	<b>Ag Econ Electives</b>	<b>9 hrs</b>
AGEC 410 Ag Policy	3	AGEC 410 Ag Policy	3
AGEC 420 Commodity Futures	3	AGEC 420 Commodity Futures	3
AGEC 460 Intl Food/Agbus Study Tour (Limit 3 credits)	0-6	AGEC 460 Intl Food/Agbus Study Tour (Limit 3 credits)	0-6
AGEC 513 Ag Finance	3	AGEC 513 Ag Finance	3
AGEC 516 Ag Law & Econ	3	AGEC 516 Ag Law & Econ	3
AGEC 520 Mkt Fund & Fut/Opt	3	AGEC 520 Mkt Fund & Fut/Opt	3
AGEC 570 Food Manuf. Distrib. & Ret.	3	AGEC 570 Food Manuf. Distrib. & Ret.	3
AGEC 598 Farm Mgmt Strategies	3	AGEC 598 Farm Mgmt Strategies	3
AGEC 605 Price Analysis & Forecast	3	AGEC 605 Price Analysis & Forecast	3
AGEC 610 Cur Ag & Nat. Res. Pol.	3	AGEC 610 Cur Ag & Nat. Res. Pol.	3
AGEC 632 Agribusiness Logistics	3	AGEC 632 Agribusiness Logistics	3
AGEC 680 Risk Management	3	AGEC 680 Risk Management	3
AGEC 710 Comp Food & Ag System	3	AGEC 710 Comp Food & Ag System	3
AGEC 712 Opt. Tech for Ag Econ	3	AGEC 712 Opt. Tech for Ag Econ	3
ECON 631 Prin of Transportation	3	ECON 631 Prin of Transportation	3
GENAG 515 Honors/Scholars Project	2	GENAG 515 Honors/Scholars Project	2
<b>Business electives (&gt;300 Level)</b>	<b>9 hrs</b>	<b>Business electives (&gt;300 Level)</b>	<b>9 hrs</b>
MANGT 420 Mangt Concepts	3	MANGT 420 Mangt Concepts	3
MKTG 544 International Marketing	or	MKTG 544 International Marketing	or
MANGT 690 International Management	or	MANGT 690 International Management	or
FINAN 643 Intl Financial Management	3	FINAN 643 Intl Financial Management	3
MANGT/MKTG/FINAN/ACCTG el.	3	MANGT/MKTG/FINAN/ACCTG el.	3

Finance overlay		Finance overlay	
AGEC 513 Ag Finance	3 or	AGEC 513 Ag Finance	3 or
FINAN 450 Prin Finance	3	FINAN 450 Prin Finance	3
<b>Ag &amp; Food Sci Technology restricted electives</b>	<b>6 hrs</b>	<b>Ag &amp; Food Sci Technology restricted electives</b>	<b>6 hrs</b>
AGRON 220 Crop Science	3	AGRON 220 Crop Science	3
HORT 201 Prin Hort Science	3	HORT 201 Prin Hort Science	3
AGRON 305 Soils	3	AGRON 305 Soils	3
AGRON 330 Weed Science	3	AGRON 330 Weed Science	3
ATM 160 Engineered System & Tech Ag	3	ATM 160 Engineered System & Tech Ag	3
ASI 102 Prin of Animal Science	3	ASI 102 Prin of Animal Science	3
ASI 105 Animal Sci & Industry	1	ASI 105 Animal Sci & Industry	1
ASI 106 Dairy/Poultry Science	1	ASI 106 Dairy/Poultry Science	1
ASI 318 Fund of Nutrition	3	ASI 318 Fund of Nutrition	3
ASI 320 Prin of Lvst Feeding	3	ASI 320 Prin of Lvst Feeding	3
FDSCI 302 Intro to Food Science	3	FDSCI 302 Intro to Food Science	3
FDSCI 305 Fund of Food Processing	3	FDSCI 305 Fund of Food Processing	3
GRSC 101 Intro to Grain Sci/Indust	3	GRSC 101 Intro to Grain Sci/Indust	3
<b>International Experience</b>	<b>3 hrs total</b>	<b>International Experience</b>	<b>3 hrs total</b>
<b>Language Requirement: Level III proficiency</b>		<b>Language Requirement: Level III proficiency</b>	
<b>Food Industry Option</b>		<b>Food Industry Option</b>	
AGEC 570 Food Manuf Distrib & Ret	3	AGEC 570 Food Manuf Distrib & Ret	3
AGEC 513 Ag Finance	3	AGEC 513 Ag Finance	3
AGEC 515 Food & Agbus Mktg	3	AGEC 515 Food & Agbus Mktg	3
AGEC 632 Agribusiness Logistics	3	AGEC 632 Agribusiness Logistics	3
<b>Ag Econ Electives</b>	<b>9 hrs</b>	<b>Ag Econ Electives</b>	<b>9 hrs</b>
AGEC 410 Ag Policy	3	AGEC 410 Ag Policy	3
<del>AGEC 415 Global Ag Econ Hun/Pov</del>	<del>3</del>	AGEC 420 Commodity Futures	3
AGEC 420 Commodity Futures	3	AGEC 460 Intl Food/Agbus Study Tour	0-6
AGEC 460 Intl Food/Agbus Study Tour	0-6	<i>(Limit 3 credits)</i>	
<i>(Limit 3 credits)</i>		AGEC 516 Ag Law & Econ	3
AGEC 516 Ag Law & Econ	3	AGEC 520 Mkt Fund & Fut/Opt	3
AGEC 520 Mkt Fund & Fut/Opt	3	AGEC 525 Nat Res & Envir Econ	3
AGEC 525 Nat Res & Envir Econ	3	AGEC 598 Farm Mgmt Strategies	3
AGEC 598 Farm Mgmt Strategies	3	AGEC 605 Price Analysis & Forecast	3
AGEC 605 Price Analysis & Forecast	3	AGEC 610 Cur Ag & Nat. Res. Pol.	3
AGEC 610 Cur Ag & Nat. Res. Pol.	3	AGEC 615 Global Agricultural Development	3
AGEC 623 Int'l Ag Trade	3	AGEC 623 Int'l Ag Trade	3
ECON 631 Prin of Transportation	3	ECON 631 Prin of Transportation	3
AGEC 680 Risk Management	3	AGEC 680 Risk Management	3
AGEC 710 Comp Food & Ag System	3	AGEC 710 Comp Food & Ag System	3
AGEC 712 Opt. Tech for Ag Econ	3	AGEC 712 Opt. Tech for Ag Econ	3
GENAG 515 Honors/Scholars Project	2	GENAG 515 Honors/Scholars Project	2
<b>Business electives</b>	<b>9 hrs</b>	<b>Business electives</b>	<b>9 hrs</b>
MANGT 420 Mangt Concepts	3	MANGT 420 Mangt Concepts	3
MKTG 400 Marketing	3	MKTG 400 Marketing	3
MKTG 450 Consumer Behavior	3	MKTG 450 Consumer Behavior	3
MKTG 541 Retailing	3	MKTG 541 Retailing	3
500 level or above from MANGT,MKTG,FINAN, or ACCTG		500 level or above from MANGT,MKTG,FINAN, or ACCTG	
<b>Food Science &amp; Technology</b>	<b>6 hrs</b>	<b>Food Science &amp; Technology</b>	<b>6 hrs</b>
FDSCI 302 Intro to Food Science	3	FDSCI 302 Intro to Food Science	3
FDSCI 305 Fund of Food Processing	3	FDSCI 305 Fund of Food Processing	3
ASI 318 Fund of Nutrition	3	ASI 318 Fund of Nutrition	3
ASI 350 Meat Science	3	ASI 350 Meat Science	3
ASI 361 Conv Fd An To Carcasses	2	ASI 361 Conv Fd An To Carcasses	2
ASI 405 Fund Milk Processing	3	ASI 405 Fund Milk Processing	3
<del>ATM 540 Intro Food Engr</del>	<del>3</del>	GRSC 101 Intro to Grain Sci/Indust	3
GRSC 101 Intro to Grain Sci/Indust	3	GRSC 150 Principles of Milling	3
<del>GRSC 110 Flow Sheets</del>	<del>2</del>	GRSC 500 Milling Science	4

GRSC 150 Principles of Milling	3	HORT 201 Prin Hort Science	4
GRSC 500 Milling Science	4	HORT 560 Veg Crop Prod	3
HORT 201 Prin Hort Science	4	HN 132 Basic Nutrition	3
HORT 560 Veg Crop Prod	3		
HN 132 Basic Nutrition	3	Unrestricted electives as needed to meet 127 cr hrs	
		<u>Must satisfy K-State 8</u>	
Unrestricted electives as needed to meet 127 cr hrs			

**RATIONALE:** Replacing 3 credit hours of social science with AGEC 315 in order to give students greater exposure to contemporary issues in global food and agricultural systems as they relate to population growth, trade, globalization, economic development, natural resource use, and environmental policy. AGEC 415 renumbered to AGEC 615.

**IMPACT:** The Departments of Psychology (Jerome Frieman) and Sociology, Anthropology and Social Work (Betsy Cauble, Richard Goe) have been notified by email. The Department of Sociology, Anthropology and Social Work has acknowledged receipt of the email and did not provide any objection to the change. The Department of Psychology responded and philosophically does not support the change.

**EFFECTIVE DATE:** Fall 2011

Agricultural Economics Academic Plan: Option: Quantitative Option (One option)

FROM:

TO:

ENGL 100 Expository Writing I	3	ENGL 100 Expository Writing I	3
ENGL 200 Expository Writing II	3	ENGL 200 Expository Writing II	3
COMM 105 Public Speaking IA	2	COMM 105 Public Speaking IA	2
AGCOM 400 Ag Business Comm	3	AGCOM 400 Ag Business Comm	3
or		or	
ENGL 516 Written Comm for Sci.	3	ENGL 516 Written Comm for Sci.	3
Comm. Elective	3	Comm. Elective	3
MATH 220 Anal Geom & Calc I	4	MATH 220 Anal Geom & Calc I	4
MATH 221 Anal Geom & Calc II	4	MATH 221 Anal Geom & Calc II	4
MATH 222 Anal Geom & Calc III	4	MATH 222 Anal Geom & Calc III	4
MATH 551 Applied Matrix Theory	3	MATH 551 Applied Matrix Theory	3
<del>SOCIO 211 Intro to Sociology</del>	<del>3</del>	<u>SOCIO 211 Intro to Sociology</u>	<u>3 or</u>
<del>PSYCH 110 Gen Psychology</del>	<del>3</del>	<u>PSYCH 110 Gen Psychology</u>	<u>3</u>
Social Science Elective	3	Social Science Elective	3
Humanities Elective	3	Humanities Elective	3
ECON 110 Prin. Of Macroeconomics	3	ECON 110 Prin. Of Macroeconomics	3
ECON 510 Int. Macroeconomics	3	ECON 510 Int. Macroeconomics	3
ACCTG 231 Acct. Bus. Operations	3	ACCTG 231 Acct. Bus. Operations	3
ACCTG 241 Acctg. For Inv. & Fin.	3	ACCTG 241 Acctg. For Inv. & Fin.	3
STAT 510 & 511 Intro Prob & Stat	6	STAT 510 & 511 Intro Prob & Stat	6
Or		Or	
STAT 350 & 351 Bus Econ Stat	6	STAT 350 & 351 Bus Econ Stat	6
CIS 200 Fund Comp Pym	3	CIS 200 Fund Comp Pym	3
CIS 208 C Lang Lab	1	CIS 308 C/C++ Language Laboratory	1
PHIL 120 Intro to Ethics		PHIL 120 Intro to Ethics	
Or PHIL 135 Intro to Soc & Pol Phil	3	Or PHIL 135 Intro to Soc & Pol Phil	3
Natural Science 2 of 3 courses	8	Natural Science 2 of 3 courses	8
CHEM 110 & 111 Gen Chemistry	4	CHEM 110 & 111 Gen Chemistry	4
BIOL 198 Prin of Biology	4	BIOL 198 Prin of Biology	4
PHYS 113 Gen Physics I	4	PHYS 113 Gen Physics I	4
Ag Econ – AGECE 105 Ag Econ/Agbus Orient	1	Ag Econ – AGECE 105 Ag Econ/Agbus Orient	1
AGECE 120 Ag Econ/Agbus	3	AGECE 120 Ag Econ/Agbus	3
AGECE 490 Computer Applications	2	<u>AGECE 315 Contemp Issues Global Food &amp; Ag</u>	<u>3</u>
AGECE 500 Production Economics	3	AGECE 490 Computer Applications	2
AGECE 505 Ag Market Structures	3	AGECE 500 Production Economics	3
		AGECE 505 Ag Market Structures	3
<b>Quantitative Electives</b>	<b>9</b>	<b>Quantitative Electives</b>	<b>9</b>
<b>(Include at least two numbered 598 or above)</b>		<b>(Include at least two numbered 598 or above)</b>	
AGECE 605 Price Analysis & Forecast	3	AGECE 605 Price Analysis & Forecast	3
AGECE 712 Opt. Tech for Ag Econ	3	AGECE 712 Opt. Tech for Ag Econ	3
ECON 630 Intro to Econometrics	3	ECON 630 Intro to Econometrics	3
ECON 735 Mathematical Econ	3	ECON 735 Mathematical Econ	3
MATH 240 Elementary Diff Eq	4	MATH 240 Elementary Diff Eq	4
MATH 312 Finite Applic. Of Math	3	MATH 312 Finite Applic. Of Math	3
MATH 540 Adv Ordinary Diff Eq	3	MATH 540 Adv Ordinary Diff Eq	3
MATH 670 Mathematical Modeling	3	MATH 670 Mathematical Modeling	3
MATH 755 Dynamic Modeling Proc	3	MATH 755 Dynamic Modeling Proc	3
MANGT 421 Intro to Operations Mangt	3	MANGT 421 Intro to Operations Mangt	3
MANGT 521 Quantitative Mangt	3	MANGT 521 Quantitative Mangt	3
IMSE 560 Intro to Oper Research I	3	IMSE 560 Intro to Oper Research I	3
IMSE 541 Statistical Quality Control	3	IMSE 541 Statistical Quality Control	3
STAT 410 Prob Systems Modeling	3	STAT 410 Prob Systems Modeling	3
STAT 706 Bas Elem of Stat Theory	3	STAT 706 Bas Elem of Stat Theory	3
STAT 704 Analysis of Variance	2	STAT 704 Analysis of Variance	2
STAT 705 Regression & Corr Anal	2	STAT 705 Regression & Corr Anal	2

MKTG 642 Marketing Research	3	MKTG 642 Marketing Research	3
<b>Ag Econ Electives</b>	<b>21</b>	<b>Ag Econ Electives</b>	<b>21</b>
<b>Include at least two numbered 598 or above</b>		<b>Include at least two numbered 598 or above</b>	
AGEC 308 Farm & Ranch Mangt	3	AGEC 308 Farm & Ranch Mangt	3
AGEC 318 Food/Agbus Mangt	3	AGEC 318 Food/Agbus Mangt	3
AGEC 410 Ag Policy	3	AGEC 410 Ag Policy	3
<del>AGEC 415 Global Ag Econ Hunger/Pov</del>	<del>3</del>	AGEC 420 Commodity Futures Mkts	3
AGEC 420 Commodity Futures Mkts	3	AGEC 460 Intl Food/Agbus Study Tour	0-6
AGEC 460 Intl Food/Agbus Study Tour	0-6	<i>(Limit 3 credits)</i>	
<i>(Limit 3 credits)</i>		AGEC 513 Ag Finance	3
AGEC 513 Ag Finance	3	AGEC 515 Food & Agbus Mktg	3
AGEC 515 Food & Agbus Mktg	3	AGEC 516 Ag Law & Econ	3
AGEC 516 Ag Law & Econ	3	AGEC 520 Mkt Fund & Fut/Opt	3
AGEC 520 Mkt Fund & Fut/Opt	3	AGEC 525 Nat Res & Envir Econ	3
AGEC 525 Nat Res & Envir Econ	3	AGEC 598 Farm Mangt. Strat	3
AGEC 598 Farm Mangt. Strat	3	AGEC 599 Food/Agbus Mgmt Strat	3
AGEC 599 Food/Agbus Mgmt Strat	3	AGEC 605 Price Analysis & Forecast	3
AGEC 605 Price Analysis & Forecast	3	AGEC 610 Cur Ag & Nat. Res. Pol.	3
AGEC 610 Cur Ag & Nat. Res. Pol.	3	<u>AGEC 615 Global Agricultural Development</u>	<u>3</u>
AGEC 623 Int'l Ag Trade	3	AGEC 623 Int'l Ag Trade	3
ECON 631 Prin of Transportation	3	ECON 631 Prin of Transportation	3
AGEC 632 Agribusiness Logistics	3	AGEC 632 Agribusiness Logistics	3
AGEC 680 Risk Management	3	AGEC 680 Risk Management	3
AGEC 710 Comp Food & Ag System	3	AGEC 710 Comp Food & Ag System	3
AGEC 712 Opt. Tech for Ag Econ	3	AGEC 712 Opt. Tech for Ag Econ	3
GENAG 515 Honors/Scholars Project	2	GENAG 515 Honors/Scholars Project	2
<b>Ag &amp; Food Science Technology electives</b>	<b>6 hrs</b>	<b>Ag &amp; Food Science Technology electives</b>	<b>6 hrs</b>
AGRON 220 Crop Science	4	AGRON 220 Crop Science	4
or		or	
HORT 201 Prin Hort Science	4	HORT 201 Prin Hort Science	4
AGRON 305 Soils	4	AGRON 305 Soils	4
AGRON 330 Weed Science	3	AGRON 330 Weed Science	3
ATM 160 Engineered System & Tech Ag	3	ATM 160 Engineered System & Tech Ag	3
ASI 102 Prin of Animal Science	3	ASI 102 Prin of Animal Science	3
ASI 105 Animal Sci & Industry	1	ASI 105 Animal Sci & Industry	1
ASI 106 Dairy/Poultry Science	1	ASI 106 Dairy/Poultry Science	1
ASI 318 Fund of Nutrition	3	ASI 318 Fund of Nutrition	3
FDSCI 302 Intro to Food Science	3	FDSCI 302 Intro to Food Science	3
FDSCI 305 Fund of Food Processing	3	FDSCI 305 Fund of Food Processing	3
GRSC 101 Intro to Grain Sci/Indust	3	GRSC 101 Intro to Grain Sci/Indust	3
Unrestricted electives as needed to meet 127 cr hrs		Unrestricted electives as needed to meet 127 cr hrs	
		<u>Must satisfy K-State 8</u>	

**RATIONALE:** Replacing 3 credit hours of social science with AGEC 315 in order to give students greater exposure to contemporary issues in global food and agricultural systems as they relate to population growth, trade, globalization, economic development, natural resource use, and environmental policy. AGEC 415 renumbered to AGEC 615.

**IMPACT:** The Departments of Psychology (Jerome Frieman) and Sociology, Anthropology and Social Work (Betsy Cauble, Richard Goe) have been notified by email. The Department of Sociology, Anthropology and Social Work has acknowledged receipt of the email and did not provide any objection to the change. The Department of Psychology responded and philosophically does not support the change.

**EFFECTIVE DATE:** Fall 2011

Agricultural Economics Academic Plan: Options: Specialty; Farm Management (Two options)

FROM:

TO:

ENGL 100 Expository Writing I	3	ENGL 100 Expository Writing I	3
ENGL 200 Expository Writing II	3	ENGL 200 Expository Writing II	3
COMM 105 Public Speaking IA	2	COMM 105 Public Speaking IA	2
AGCOM 400 Ag Business Comm	3	AGCOM 400 Ag Business Comm	3
or		or	
ENGL 516 Written Comm for Sci.	3	ENGL 516 Written Comm for Sci.	3
Comm. Elective	3	Comm. Elective	3
MATH 100 College Algebra	3	MATH 100 College Algebra	3
MATH 205 Calculus & Lin Alg	3	MATH 205 Calculus & Lin Alg	3
<del>SOCIO 211 Intro to Sociology</del>	<del>3</del>	<u>SOCIO 211 Intro to Sociology</u>	<u>3</u> or
<del>PSYCH 110 Gen Psychology</del>	<del>3</del>	<u>PSYCH 110 Gen Psychology</u>	<u>3</u>
Social Science Elective	3	Social Science Elective	3
Humanities Elective	3	Humanities Elective	3
ECON 110 Prin. Of Macroeconomics	3	ECON 110 Prin. Of Macroeconomics	3
ECON 510 Int. Macroeconomics	3	ECON 510 Int. Macroeconomics	3
ACCTG 231 Acct. Bus. Operations	3	ACCTG 231 Acct. Bus. Operations	3
ACCTG 241 Acctg. For Inv. & Fin.	3	ACCTG 241 Acctg. For Inv. & Fin.	3
STAT 325 Intro to Stats	3	STAT 325 Intro to Stats	3
Or STAT 350 & 351 Bus Econ	6	Or STAT 350 & 351 Bus Econ Stats	6
Natural Science 2 of 3 courses	8	Natural Science 2 of 3 courses	8
CHEM 110 & 111 Gen Chemistry	4	CHEM 110 & 111 Gen Chemistry	4
BIOL 198 Prin of Biology	4	BIOL 198 Prin of Biology	4
PHYS 113 Gen Physics I	4	PHYS 113 Gen Physics I	4
Ag Econ Required		Ag Econ Required	
AGEC 105 Ag Econ/Agbus Orient	1	AGEC 105 Ag Econ/Agbus Orient	1
AGEC 120 Ag Econ/Agbus	3	AGEC 120 Ag Econ/Agbus	3
AGEC 490 Computer Applications	2	<u>AGEC 315 Contemp Issues Global Food &amp; Ag</u>	<u>3</u>
AGEC 500 Production Economics	3	AGEC 490 Computer Applications	2
AGEC 505 Ag Market Structures	3	AGEC 500 Production Economics	3
		AGEC 505 Ag Market Structures	3
<b>Specialty Option</b>		<b>Specialty Option</b>	
<b>AGEC restricted electives</b>	<b>21 hrs</b>	<b>AGEC restricted electives</b>	<b>21 hrs</b>
<b>(At least 6 hrs numbered 598 or above)</b>		<b>(At least 6 hrs numbered 598 or above)</b>	
AGEC 308 Farm and Ranch Mangt	3	AGEC 308 Farm and Ranch Mangt	3
AGEC 318 Food/Agbus Mangt	3	AGEC 318 Food/Agbus Mangt	3
AGEC 410 Ag Policy	3	AGEC 410 Ag Policy	3
<del>AGEC 415 Global Ag Econ Hun/Pov</del>	<del>3</del>	AGEC 420 Commodity Futures	3
AGEC 420 Commodity Futures	3	AGEC 460 Intl Food/Agbus Study Tour	0-6
AGEC 460 Intl Food/Agbus Study Tour	0-6	<i>(Limit 3 credits)</i>	
<i>(Limit 3 credits)</i>		AGEC 513 Ag Finance	3
AGEC 513 Ag Finance	3	AGEC 515 Food & Agbus Mktg	3
AGEC 515 Food & Agbus Mktg	3	AGEC 516 Ag Law & Econ	3
AGEC 516 Ag Law & Econ	3	AGEC 520 Mkt Fund & Fut/Opt	3
AGEC 520 Mkt Fund & Fut/Opt	3	AGEC 525 Nat Res & Envir Econ	3
AGEC 525 Nat Res & Envir Econ	3	AGEC 570 Food Manuf. Distrib. & Ret.	3
AGEC 570 Food Manuf. Distrib. & Ret.	3	AGEC 598 Farm Mgmt Strategies	3
AGEC 598 Farm Mgmt Strategies	3	AGEC 599 Food/Agbus Mgmt Strat	3
AGEC 599 Food/Agbus Mgmt Strat	3	AGEC 605 Price Analysis & Forecast	3
AGEC 605 Price Analysis & Forecast	3	AGEC 610 Cur Ag & Nat. Res. Pol.	3
AGEC 610 Cur Ag & Nat. Res. Pol.	3	<u>AGEC 615 Global Agricultural Development</u>	<u>3</u>
AGEC 623 Int'l Ag Trade	3	AGEC 623 Int'l Ag Trade	3
ECON 631 Prin of Transportation	3	ECON 631 Prin of Transportation	3
AGEC 632 Agribusiness Logistics	3	AGEC 632 Agribusiness Logistics	3
AGEC 680 Risk Management	3	AGEC 680 Risk Management	3
AGEC 710 Comp Food & Ag System	3	AGEC 710 Comp Food & Ag System	3
AGEC 712 Opt. Tech for Ag Econ	3	AGEC 712 Opt. Tech for Ag Econ	3



GENAG 515 Honors/Scholars Project	2	GENAG 515 Honors/Scholars Project	2
<b>Ag &amp; Food Science Technology electives</b>	<b>6 hrs</b>	<b>Ag &amp; Food Science Technology electives</b>	<b>6 hrs</b>
AGRON 220 Crop Science		AGRON 220 Crop Science	
HORT 201 Prin Hort Science	4	HORT 201 Prin Hort Science	4
AGRON 305 Soils	4	AGRON 305 Soils	4
AGRON 330 Weed Management	3	AGRON 330 Weed Management	3
ATM 160 Engineered System & Tech Ag	3	ATM 160 Engineered System & Tech Ag	3
ASI 102 Prin of Animal Science	3	ASI 102 Prin of Animal Science	3
ASI 105 Animal Sci & Industry	1	ASI 105 Animal Sci & Industry	1
ASI 106 Dairy/Poultry Science	1	ASI 106 Dairy/Poultry Science	1
ASI 318 Fund of Nutrition	3	ASI 318 Fund of Nutrition	3
ASI 320 Prin of Lvst Feeding		ASI 320 Prin of Lvst Feeding	
FDSCI 302 Intro to Food Science	3	FDSCI 302 Intro to Food Science	3
FDSCI 305 Fund of Food Processing	3	FDSCI 305 Fund of Food Processing	3
GRSC 101 Intro to Grain Sci/Indust	3	GRSC 101 Intro to Grain Sci/Indust	3
<b>Farm Management Option</b>		<b>Farm Management Option</b>	
AGEC 308 Farm and Ranch Mangt	3	AGEC 308 Farm and Ranch Mangt	3
AGEC 598 Farm Mgmt Strategies	3	AGEC 598 Farm Mgmt Strategies	3
<b>AGEC restricted electives</b>	<b>15 hrs</b>	<b>AGEC restricted electives</b>	<b>15 hrs</b>
<b>(one course &gt; 600)</b>		<b>(one course &gt; 600)</b>	
AGEC 410 Ag Policy	3	AGEC 410 Ag Policy	3
<del>AGEC 415 Global Ag Econ Hun/Pov</del>	<del>3</del>	AGEC 420 Commodity Futures	3
AGEC 420 Commodity Futures	3	AGEC 460 Intl Food/Agbus Study Tour	0-6
AGEC 460 Intl Food/Agbus Study Tour	0-6	<i>(Limit 3 credits)</i>	
<i>(Limit 3 credits)</i>		AGEC 515 Food Agbus Mktg	3
AGEC 515 Food Agbus Mktg	3	AGEC 516 Ag Law & Econ	3
AGEC 516 Ag Law & Econ	3	AGEC 520 Mkt Fund & Fut/Opt	3
AGEC 520 Mkt Fund & Fut/Opt	3	AGEC 525 Nat Res & Envir Econ	3
AGEC 525 Nat Res & Envir Econ	3	AGEC 570 Food Manuf. Distrib & Ret	3
AGEC 570 Food Manuf. Distrib & Ret	3	AGEC 599 Food/Agbus Mgmt Strat	3
AGEC 599 Food/Agbus Mgmt Strat	3	AGEC 605 Price Analysis & Forecast	3
AGEC 605 Price Analysis & Forecast	3	AGEC 610 Cur Ag & Nat. Res. Pol.	3
AGEC 610 Cur Ag & Nat. Res. Pol.	3	<u>AGEC 615 Global Agricultural Development</u>	3
AGEC 623 Int'l Ag Trade	3	AGEC 623 Int'l Ag Trade	3
AGEC 632 Agribusiness Logistics	3	AGEC 632 Agribusiness Logistics	3
AGEC 680 Risk Management	3	AGEC 680 Risk Management	3
AGEC 710 Comp Food & Ag System	3	AGEC 710 Comp Food & Ag System	3
AGEC 712 Opt. Tech for Ag Econ	3	AGEC 712 Opt. Tech for Ag Econ	3
ECON 631 Prin of Transportation	3	ECON 631 Prin of Transportation	3
GENAG 515 Honors/Scholars Project	2	GENAG 515 Honors/Scholars Project	2
<b>Ag &amp; Food Science Required</b>		<b>Ag &amp; Food Science Required</b>	
AGRON 220 Crop Science	3	AGRON 220 Crop Science	3
AGRON 305 Soils	4	AGRON 305 Soils	4
ASI 102 Prin. Of Animal Science	3	ASI 102 Prin. Of Animal Science	3
ASI 105 Animal Sci & Industries	or	ASI 105 Animal Sci & Industries	or
Or ASI 106 Dairy/Poultry Science	1	ASI 106 Dairy/Poultry Science	1
ATM 160 Engineered System & Tech Ag	3	ATM 160 Engineered System & Tech Ag	3
<b>Ag &amp; Food Sci Technology restricted electives</b>	<b>9 hrs</b>	<b>Ag &amp; Food Sci Technology restricted electives</b>	<b>9 hrs</b>
AGRON 330 Weed Science	3	AGRON 330 Weed Science	3
AGRON 375 Soil Fertility	3	AGRON 375 Soil Fertility	3
AGRON 501 Range Mangt.	3	AGRON 501 Range Mangt.	3
ASI 318 Fund of Nutrition	3	ASI 318 Fund of Nutrition	3
ASI 320 Prin of Lvst Feeding	3	ASI 320 Prin of Lvst Feeding	3
ASI 400 Farm Animal Reproduction	4	ASI 400 Farm Animal Reproduction	4
ASI 515 Beef Science	3	ASI 515 Beef Science	3
ASI 535 Swine Science	3	ASI 535 Swine Science	3
ENTOM 300 Economic Entomology	3	ENTOM 300 Economic Entomology	3
PLPTH 500 Prin. Plant Pathology	3	PLPTH 500 Prin. Plant Pathology	3
BAE 350 Ag Mach Systems	2	BAE 350 Ag Mach Systems	2

BAE 351 Ag Mach Systems Lab	1	BAE 351 Ag Mach Systems Lab	1
ATM 511 Ag. Building Systems	3	ATM 511 Ag. Building Systems	3
ATM 545 Process/Storage Grain	3	ATM 545 Process/Storage Grain	3
ATM 653 Irrigation Practices	2	ATM 653 Irrigation Practices	2
ATM 661 Water/Waste in Envir.	3	ATM 661 Water/Waste in Envir.	3
Unrestricted electives as needed to meet 127 cr hrs		Unrestricted electives as needed to meet 127 cr hrs	
		<u>Must satisfy K-State 8</u>	

**RATIONALE:** Replacing 3 credit hours of social science with AGEC 315 in order to give students greater exposure to contemporary issues in global food and agricultural systems as they relate to population growth, trade, globalization, economic development, natural resource use, and environmental policy. AGEC 415 renumbered to AGEC 615.

**IMPACT:** The Departments of Psychology (Jerome Frieman) and Sociology, Anthropology and Social Work (Betsy Cauble, Richard Goe) have been notified by email. The Department of Sociology, Anthropology and Social Work has acknowledged receipt of the email and did not provide any objection to the change. The Department of Psychology responded and philosophically does not support the change.

**EFFECTIVE DATE:** Fall 2011