

AG ECON MAJOR/QUANTITATIVE OPTION Progra

| Fall 2017/Spring 2018 | |
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| | G ECON MAJO | • | | | | Nai | ne: | | Fall 2017/Spring 2018 |
|--|---|---|---|--|---|---|-----|--|--|
| jram of S | Study for B.S. | Degree in | Agriculture | e (Effe | ective Fall 2012) | ID Cr. | #: | | |
| mester 221 Analyt | ic Geometry & Calculus II | Cr. 4 | - | Ag Econ Electives Include at least two numbered 598 or above | | | al | Degree Credit Requirements 1. Required | 127 crs. total |
| , | n & Agribusiness | 3 | AGEC | 308 | Farm & Ranch Management | 3 | | 1. Koqonou | 127 (15.1014) |
| 0 | Speaking IA | 2 | AGEC | 318 | Food & Agbus Management | 3 | _ | 2. Transfer credits | |
| ence Elective | | 4 | AGEC | 410 | Ag Policy | 3 | | applied to degree | |
| | | | AGEC | 420 | Commodity Futures Markets | 3 | | | |
| | | | AGEC | 460 | Int'l Food & Agbus Study Tour | 3 3 3 3 3 3 3 | | 3. KSU credit required | |
| | | | AGEC | 513 | Ag Finance | 3 | | (line 1 - line 2 - line 2) | |
| | | | AGEC | 515 | Food & Agribusiness Marketing | 3 | | | |
| mester | | Cr. | AGEC | 516 | Ag Law & Economics | 3 | _ | | |
| 110 Intro For | rmal Logic | 3 | AGEC | 520 | Market Fund & Fut/Opt Trading | 3 | | | |
| 500 Production | on Economics | 3 | AGEC | 525 | Natural Resource & Envir Econ | 3 | | | |
| - | r Business Operations | 3 | AGEC | 570 | Food Manuf. Distrib. & Retailing | 3 | | | |
| ence Elective | | 4 | AGEC | 598 | Farm Management Strategies | 3 | | | |
| | | 3 | AGEC | 599 | Food & Agbus Mngt. Strategies | 3 | _ | | |
| | nmunication (above 300), | | AGEC | 605 | Price Analysis & Forecasting | 3 | _ | SIGNATURE OF APPROVAL | |
| ove 210), or a Mo | dern Language. | | AGEC | 610 | Cur Ag & Nat. Res. Pol. Issues | 3 | _ | | |
| | | | AGEC | 615 | Global Ag Development | 3 | | e. I | |
| | | | AGEC | 623 | International Ag Trade | 3 | | Student | Date |
| | | | AGEC | 632 | Agribusiness Logistics | 3 | | | |
| ester | L Liberra Construction II | Cr. | AGEC | 680 | Risk Management | 3 | | | |
| | bability & Statistics II | or | AGEC | 710 | Comparative Food & Ag Systems | 3 | | | |
| | & Economics Statistics II | 3 | AGEC | 712 | Optimization Tech. for Ag Econ | 3 | _ | Academic Advisor | Date |
| | Matrix Theory | 3 | GENAG | 515 | Honors/Scholars Project | 2 | _ | | |
| 111 Intro to | Comp Prog | 3 | | | | | | | |
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| estricted and free |) | 5-6 | | | ither AGEC 513 (as Ag. Econ. Elect | ive) | • | Descenterent | Dute |
| estricted and free |) | 5-6 | | | ither AGEC 513 (as Ag. Econ. Elect. 'as Free Elective). | ive) | | Department | Date |
| estricted and free |) | 5-6 | or FINA | N 450 (| as Free Elective). | Cr | | Department | Date |
| estricted and free |) | 5-6 | <i>or FINA</i> Ag & Fo | <i>N 450 (</i> od Scie | <i>as Free Elective).</i> nce Technology | Cr 6 | | Department | Date |
| estricted and free |) | 5-6 | <i>or FINA</i> Ag & Fo Agron | N 450 (od Scie 220 | as Free Elective). nce Technology Crop Science | Cr | | Department | Date |
| |) | | <i>or FINA</i> Ag & Fo Agron Hort | od Scie 220 201 | as Free Elective). nce Technology Crop Science Principles of Horticultural Science | Cr 6 | | Department | Date |
| mester | | Cr. | <i>or FINA</i> Ag & Fo Agron Hort Agron | N 450 (od Scier 220 201 305 | as Free Elective). nce Technology Crop Science Principles of Horticultural Science Soils | Cr 6 | | Department | Date |
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| mester estricted and free | | Cr. 16 crs. | <i>or FINA</i> Ag & Fo Agron Hort Agron Agron Atm | N 450 (od Scier 220 201 305 330 160 | tas Free Elective). nce Technology Crop Science Principles of Horticultural Science Soils Weed Science Engineered Systems & Tech. in Ag | Cr 6 | | Courses numbered below 100 will not be | |
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| mester estricted and free estricted and free 605 Price Ant 712 Optimiza 630 Intro to 1 686 Econ For 735 Mathema |) alysis & Forecasting ation Tech Ag Econ Econometrics ecasting atical Economics | Cr. 16 crs. 6 crs. total 3 3 3 3 3 | Ag & Fo Ag & Fo Agron Hort Agron Agron Atm Asi Asi Asi Asi Asi Asi Fosci | N 450 (220 201 305 330 160 102 105 106 318 320 302 | as Free Elective). nce Technology Crop Science Principles of Horticultural Science Soils Weed Science Engineered Systems & Tech. in Ag Principles of Animal Science Animal Sciences & Industry Dairy & Poultry Science Fundamentals of Nutrition Principles of Feeding Intro to Food Science | Cr 6 or 4 4 | | Courses numbered below 100 will not be degree requirements. Except for free electives all courses appli must be taken for a grade. | applied to ied to graduation |
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| rester estricted and free estricted and free 605 Price And 712 Optimiza 630 Intro to 1 686 Econ For 735 Mathema 508 Geograp 541 Statistica 560 Intro to 1 240 Element 312 Finite Ap 540 Advance 670 Mathema 755 Dynamic 421 Intro to 1 521 Quantita 642 Marketin 410 Probabil | alysis & Forecasting ation Tech Ag Econ Econometrics ecasting atical Economics hic Info System 1 al Quality Control Operations Research 1 ary Differential Equations uplications of Mathematics d Ordinary Diff Equations atical Modeling Modeling Processes Operations Management titve Management | Cr. 16 crs. 3 3 3 3 3 3 3 3 3 3 3 3 3 | Ag & Fo AgRON HORT AGRON AGRON ATM ASI ASI ASI ASI ASI FDSCI FDSCI GRSC | N 450 (cod Sciel 220 201 305 330 160 102 105 106 318 320 302 305 101 - (see te 8 | as Free Elective). Ance Technology Crop Science Principles of Horticultural Science Soils Weed Science Engineered Systems & Tech. in Ag Principles of Animal Science Animal Sciences & Industry Dairy & Poultry Science Fundamentals of Nutrition Principles of Feeding Intro to Food Science Fundamentals of Food Processing Intro to Grain Science & Industry | Cr 6 or 4 3 3 3 1 1 3 3 3 3 3 3 3 3 | | Courses numbered below 100 will not be degree requirements. Except for free electives all courses appli must be taken for a grade. Maximum number of credits from 2 year 20 of the last 30 crs. must come from KSD Kansas Board of Regents requires o | applied to ied to graduation institution(s) is 63. ! Ill graduates 300 level. |

| First Sei | nester | | Cr. | Second S | | | Cr. |
|--|-------------------|---|-------------------|--|---|--|---|
| ENGL | 100 | Expository Writing I | 3 | MATH | 221 | Analytic Geometry & Calculus II | 4 |
| MATH | 220 | Analytic Geometry & Calculus I | 4 | AGEC | 120 | Ag Econ & Agribusiness | 3 |
| AGEC | 105 | Ag Econ & Agbus Orientation | 1 | сомм | 105 | Public Speaking IA | 2 |
| AGEC | 115 | Decision Tools for Ag Econ & Agbus | 2 | Natural S | ience Ele | ective | 4 |
| PSYCH | 110 | General Psychology | or | | | | |
| SOCIO | 211 | Intro to Sociology | 3 | | | | |
| Ag or Foo | d Science | Elective | 3-4 | | | | |
| Third Se | mester | | Cr. | Fourth S | emeste | r | Cr. |
| ENGL | 200 | Expository Writing II | 3 | PHILO | 110 | Intro Formal Logic | 3 |
| ECON | 110 | Principles of Macroeconomics | 3 | AGEC | 500 | Production Economics | 3 |
| MATH | 222 | Analytic Geometry & Calculus III | 4 | ACCTG | 231 | Acctg. for Business Operations | 3 |
| AGEC | 315 | Cont. Iss. in Glob. Fd. & Ag. Syst. | 3 | Natural S | ience Ele | ective | 4 |
| Electives | (restricte | d and free) | 3-6 | <u> </u> | | | 3 |
| | | | | | | ective: <i>Communication (above 300),</i> 9), or a Modern Language. | |
| Fifth Se | mester | | Cr. | | | | |
| STAT | 510 | Intro Probability & Statistics I | or | Sixth Se | mester | | Cr. |
| STAT | 350 | Business & Economics Statistics I | 3 | STAT | 511 | Intro Probability & Statistics II | or |
| AGEC | 501 | Data Analysis & Optimization | 3 | STAT | 351 | Business & Economics Statistics II | 3 |
| AGEC | 505 | Ag Market Structures | 3 | MATH | 551 | Applied Matrix Theory | 3 |
| ACCTG | 241 | Acctg. for Investing & Finance | 3 | CIS | 111 | Intro to Comp Prog | 3 |
| GCOM | 400 | Acting for investing a ritiance Aa Business Communications | or | | | d and free) | 5-6 |
| INGL | 516 | Written Comm. for the Sciences | 3 | LICENVOS | 10311110 | | 50 |
| | | d and free) | · | | | | |
| | ST, POLSC | tive: AMETH, ANTH, HDFS 350, GEOG, , PSYCH, and SOCIO er Intermediate Macroeconomics | Cr. 3 | Eighth S | | r d and free) | Cr. 16 crs. |
| | | d and free) | 13 | Liotintos | (105111010 | u unu nooj | |
| | 1 | | | | | | |
| СНМ | | Electives | 8 crs. total | Quantite | ative Ele | ectives | 6 crs. t |
| | 110 | Electives General Chemistry | 8 crs. total 3 | Quantit e AGEC | ative Ele 605 | | 6 crs. t e 3 |
| AND | 110 | | | | | Price Analysis & Forecasting | |
| | 110 111 | General Chemistry | | AGEC | 605 | Price Analysis & Forecasting Optimization Tech Ag Econ | 3 |
| СНМ | 111 | General Chemistry General Chemistry Lab | 3 | AGEC AGEC | 605 712 630 | Price Analysis & Forecasting Optimization Tech Ag Econ Intro to Econometrics | 3 3 3 |
| :HM HOL | 111 198 | General Chemistry General Chemistry Lab Principles of Biology | 3 1 | AGEC AGEC ECON ECON | 605 712 | Price Analysis & Forecasting Optimization Tech Ag Econ Intro to Econometrics Econ Forecasting | 3 3 3 |
| CHM BIOL | 111 | General Chemistry General Chemistry Lab | 3 1 | AGEC AGEC ECON ECON ECON | 605 712 630 686 735 | Price Analysis & Forecasting Optimization Tech Ag Econ Intro to Econometrics Econ Forecasting Mathematical Economics | 3 3 3 3 |
| CHM BIOL | 111 198 | General Chemistry General Chemistry Lab Principles of Biology | 3 1 | AGEC AGEC ECON ECON ECON GEOG | 605 712 630 686 735 508 | Price Analysis & Forecasting Optimization Tech Ag Econ Intro to Econometrics Econ Forecasting Mathematical Economics Geographic Info System 1 | 3 3 3 3 3 |
| CHM BIOL Phys | 111 198 113 | General Chemistry General Chemistry Lab Principles of Biology General Physics I | 3 1 | AGEC AGEC ECON ECON GEOG IMSE | 605 712 630 686 735 508 541 | Price Analysis & Forecasting Optimization Tech Ag Econ Intro to Econometrics Econ Forecasting Mathematical Economics Geographic Info System 1 Statistical Quality Control | 3 3 3 3 3 |
| CHM BIOL Phys | 111 198 113 | General Chemistry General Chemistry Lab Principles of Biology | 3 1 | AGEC AGEC ECON ECON ECON GEOG IMSE IMSE | 605 712 630 686 735 508 541 560 | Price Analysis & Forecasting Optimization Tech Ag Econ Intro to Econometrics Econ Forecasting Mathematical Economics Geographic Info System 1 Statistical Quality Control Intro to Operations Research I | 3 3 3 3 3 3 |
| CHM BIOL Phys | 111 198 113 | General Chemistry General Chemistry Lab Principles of Biology General Physics I | 3 1 | AGEC AGEC ECON ECON ECON GEOG IMSE IMSE MATH | 605 712 630 686 735 508 541 560 240 | Price Analysis & Forecasting Optimization Tech Ag Econ Intro to Econometrics Econ Forecasting Mathematical Economics Geographic Info System 1 Statistical Quality Control Intro to Operations Research 1 Elementary Differential Equations | 3 3 3 3 3 3 4 |
| CHM HOL HYS | 111 198 113 | General Chemistry General Chemistry Lab Principles of Biology General Physics I | 3 1 | AGEC ECON ECON ECON GEOG IMSE IMSE MATH MATH | 605 712 630 686 735 508 541 560 240 312 | Price Analysis & Forecasting Optimization Tech Ag Econ Intro to Econometrics Econ Forecasting Mathematical Economics Geographic Info System 1 Statistical Quality Control Intro to Operations Research 1 Elementary Differential Equations Finite Applications of Mathematics | 3 3 3 3 3 3 4 |
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