**GENERAL EDUCATION**  
(34 hours)

### Communications (8 hrs.)
- ENGL 100 Expos Writ I 3 __  
- ENGL 200 Expos Writ II 3 __  
- COMM 105 Pub Speak I 2 __

### Humanities and Social Sciences (9 hrs.)
- Human Development Course 3 __  
  
- HDFS 110 Human Development or PSYCH 110 Gen Psycology

### Literature or Fine Arts
Recommend it be tagged as meeting the K-State 8 Asthetic requirement  
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### Global Issues and Perspectives Elective
Recommend it be tagged as meeting the K-State 8 Global Issues and Perspectives requirement.  
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### Quantitative Science (6 hrs.)
- Math 100 College Algebra 3 __  
- or Higher Level Math Course 3 __  
- STAT 325 Introduction to Statistics 3 __

### Natural Sciences (8 hrs.)
- BIOL 198 Principles of Biology 4 __  
- CHEM 110 General Chemistry 3 __  
- CHEM 111 General Chemistry Lab 1 __

### Financial Management Course (3 hrs.)
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**TECHNICAL AGRICULTURE**  
(38 hours + 3 elective hours = 41 hours)

### Required Agricultural Science (26 hrs.)
- ASI 102 Prin. Animal Science 3 __  
- AGEC 120 Prin of Agr Econ & Agribus 3 __  
- HORT 201 Prin Horticultural Sci. 4 __  
- or AGRON 220 Crop Science 4 __  
- AGRON 305 Soils 4 __  
- AGED 260 Agriculture Construction 3 __

### Power Structural Technical Systems Electives (3)
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### Food Products and Processing Course (3)
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### Agricultural Production Course with Lab (3)
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### Agricultural Science Electives (12 hrs.)
Complete 12 hours of College of Agriculture Courses, from 3 different programs. Courses that are over 300 level must account for 9 credit hours.

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**TEACHER EDUCATION**  
(45 hours)

### Pre-Professional (7 hrs.)
- AGED 300 Intro to Ag Education 1 __  
- AGED 505 Field Experience Ag Ed. 1 __  
- EDCI 310 Foundations of Ed. 3 __  
- EDSEC 620 Prin & Phil Career & Tech Ed 2 __

### Block I (11 hrs.)
- EDCEP 315 Educational Psychology 3 __  
- EDSP 323 Exceptional Stud Sec School 2 __  
- EDCI 320 Core Teach Skills & Lab 3 __  
- EDCI 318 Educational Technology 1 __  
- AGED 400 Lead & Prof Development 2 __

### Block II (15 hrs.) Fall Semester
- EDCEP 525 Interpersonal Relations Schools 1 __  
- EDSEC 455 Teaching Multicultural Society 1 __  
- EDSEC 477 Mid/Sec Reading 2 __  
- AGED 500 Methods Teaching Ag 3 __  
- AGED 520 Content Area Meth & Fld Exp 2 __  
- AGED 625 Inquiry/STEM/CASE 3 __  
- AGED 621 Program Plan Ag Ed 3 __  
- AGED 600 Senior Seminar 0 __

### Block III (12 hrs.) Spring Semester
- EDSEC 586 Teach Pratic & Prof Dev Sem 12 __

**Total Hours Required for Graduation: 120 hrs.**
Agricultural Education

K-State 8 Requirements

- Each student must successfully complete credit bearing course/experiences to cover all of the K-State 8 areas.
- A minimum of four different course prefixes (e.g., AGEC, MATH, FSHS, COMM) must be represented in the fulfillment of the K-State 8 requirements.
- When a course is tagged for two K-State 8 areas, the student may count that course toward both areas.
- Transfer students are also required to cover all the K-State 8 areas.

*Admission to Teacher Education Required as follows

- 50 hrs complete
- Overall 2.75 GPA (on courses used for the degree)
- Teaching Field 2.75 GPA (on courses used for the degree)
- Introduction to Ag. Education
- Expository Writing I (C)
- Expository Writing II (C)
- Public Speaking (C)
- College Algebra (or higher) (C)
- Statistics (C)
- ACT Score of 22 (or higher) or take the Basic Skills Exam
- Admission application submitted and approved

Course Options

Agriculture Production with Lab (3 hours)
- AGRON 330 Weed Science
- AGRON 515 Soil Genesis and Classification
- AGRON 630 Crop Improvement and Biotechnology
- AGRON 635 Soil and Water Conservation
- ENTOM 305 Animal Health Ento with ENTOM 306 Animal Health Ento Lab
- ENTOM 320 Horticultural Entomology
- ASI 105 Animal Science and Industry with ASI 106 Dairy and Poultry Science with
- ASI 107 Companion Animal and Horse Lab
- ASI 315 Livestock and Meat Evaluation
- ASI 320 Principles of Feeding
- ASI 400 Farm Animal Reproduction with ASI 401 Farm Animal Reproduction Lab
- ASI 524 Sheep and Meat Goat Science
- ASI 535 Swine Science
- HORT 350 Plant Propagation
- HORT 520 Fruit Production
- HORT 560 Vegetable Crop Production
- HORT 570 Greenhouse Operations Management
- AGEC 308 Farm and Ranch Management
- PFP 105 Introduction to Personal Financial Planning

Power Structural Technical Systems (3 hours)
- ATM 160 Engineering Systems and Technology in Agriculture (3 credit hours)
- AGED 262 Ag Structures (2 credit hours)
- AGED 264 Ag Power (2 credit hours)
- AGED 210 Equipment and Material Management (1 credit hour)
- AGED 212 Emerging Technologies in Power Structural and Technical Systems (1 credit hour)
- AGED 786 Topics in Agricultural Education/Ag Engines and Technology (1 credit hour)

Food Products and Processing (3 hours)
- ASI 350 Meat Science
- ASI 405 Fundamentals of Milk Processing
- ASI 608 Dairy Foods Processing & Technology
- ASI 640 Poultry Production Technology
- FDSCI 302 Food Science
- FDSCI 305 Fundamentals of Food Processing
- GRSC 150 Principles of Milling with 151 Principles of Milling Lab

Financial Management (3 hours)
- AGEC 202 Small Business Operations
- AGEC 308 Farm and Ranch Management
- PFP 105 Introduction to Personal Financial Planning

K-STATE 8 REQUIREMENTS

- Subject
- Catalog Number
- Literature/Fine Arts Elect.
- BIOL 198
- AGED 500
- AGRON 305
- EDSEC 620
- EDSEC 455
- CHM 110
- HDFS 110 or PSYCH 110

Kansas State University
Agricultural Education