

### 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	___
<i>HDFS 110 Human Development or PSYCH 110 Gen Psychology</i>		

#### Literature or Fine Arts

<i>Recommend it be tagged as meeting the K-State 8 Asthetic requirement</i>		
_____	3	___

#### Global Issues and Perspectives Elective

<i>Recommend it be tagged as meeting the K-State 8 Global Issues and Perspectives requirement.</i>		
_____	3	___

#### Quantitative Science (6 hrs.)

Math 100 College Algebra	3	___
<b>or</b> Higher Level Math Course		
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	___
<b>or</b> AGRON 220 Crop Science		
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.*

_____	___	___
_____	___	___
_____	___	___
_____	___	___
_____	___	___

#### Free Elective

*(0-3 hrs. to meet 120 hour degree requirements)*

Course Code & Name

_____	___	___
_____	___	___

### TEACHER EDUCATION

(45 hours)

#### Pre-Professional (7 hrs.)

AGED 300 Intro to Ag Education	1	___
AGED 505 Field Experience Ag Ed.	1	___
EDCI 110 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	___
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**Total Hours Required for Graduation: 120 hrs.**

## 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., AGECE, 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.

### K-STATE 8 REQUIREMENTS

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

### \*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 300 Plants and Society
- HORT 350 Plant Propagation
- HORT 520 Fruit Production
- HORT 560 Vegetable Crop Production
- HORT 570 Greenhouse Operations Management
- AGECE 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 214 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)

- AGECE 202 Small Business Operations
- AGECE 308 Farm and Ranch Management
- PFP 105 Introduction to Personal Financial Planning

**KANSAS STATE**  
UNIVERSITY®

Agricultural Education