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 General Psychology

Literature or Fine Arts
- Recommend it be tagged as meeting the K-State 8 Aesthetic requirement

Global Issues and Perspectives Elective
- Recommend it be tagged as meeting the K-State 8 Global Issues and Perspectives requirement.

Quantitative Science (6 hrs.)
- Math 100 College Algebra  3
  or 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.)

GENERAL EDUCATION (34 hours)

COMM 105 Pub Speak I  2

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 Science  4
  or AGRON 220 Crop Science
- AGRON 305 Soils  4
- AGED 260 Agriculture Construction  3

Power Structural Technical Systems Electives (3)
- ________________________________________________  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.)

AGRICULTURAL EDUCATION  
(202 pages)

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.

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.)
- 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.)
- EDSEC 586 Teach Pratic & Prof Dev Sem  12

Total Hours Required for Graduation: 120 hrs.
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

### K-State 8 Requirements

- **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
  - 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

### 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

- **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)