

AGRICULTURAL EDUCATION CURRICULUM GUIDE

Student Name: _____

GENERAL EDUCATION (31)

Communications (8 hrs)

	Credit	Grade
ENGL 100 Expos Writ I	3	_____
ENGL 200 Expos Writ II	3	_____
COMM 105 Pub Speak I	2	_____

Humanities & Social Sciences (9 hrs)

Must be taken from outside the College of Agriculture

	Credit	Grade
HDFS 110 Intro to Human Development	3	_____
A _____	3	_____
B _____	3	_____

Choose one from each category below

A. Literature or Fine Arts

Must be tagged as meeting the K-State 8 Aesthetic requirement.

B. Global Issues and Perspectives Elective

Must be tagged as meeting the K-State 8 Global Issues and Perspectives requirements.

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	_____
CHM 110 General Chemistry	3	_____
CHM 111 General Chemistry Lab	1	_____

TECHNICAL AGRICULTURE (41 + 3 elec = 44)

Required Agricultural Science (29 hrs.)

	Credit	Grade
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	4	_____
AGRON 305 Soils	4	_____
AGED 260 Agriculture Construction	3	_____

Power Structural Technical Systems Electives (3)

_____	_____	_____
_____	_____	_____
_____	_____	_____

Food Products and Processing Course (3)

_____	_____	_____
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Agricultural Production Course with Lab (3)

_____	_____	_____
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Financial Management Course (3)

_____	_____	_____
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Agricultural Science Electives (12 hrs.)

Complete 12 hours of College of Agriculture Courses, 3 courses that are a minimum of 3 hours from 3 different programs that are 300 level or higher.

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Free Elective (3 hrs.)

Course Code & Name

_____	_____	_____
_____	_____	_____

TEACHER EDUCATION (45)

Pre-Professional (7 hrs.)

	Credit	Grade
AGED 300 Intro to Ag Education	1	_____
AGED 505 Field Experience Ag Ed.	1	_____
EDSEC 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	_____
EDSEC 376 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 Partic & Prof Dev Sem	12	_____
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Total Hours Required for Graduation = 120 hrs.

* See reverse for Teacher Education Admission Requirements

**May be taken any time after admission to teacher education but must be completed before Block III

K-STATE 8 REQUIREMENTS:

<http://www.k-state.edu/kstate8/>

Subject	Catalog Number
	_____ Literature/Fine Arts Elec.
	BIOL 198
	AGED 500
	_____ Global Issues Elective
	EDSEC 620
	EDSEC 455
	CHM 110
	FSHS 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

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.

Course Options

Power Structural Technical Systems (3 hours of electives)

- 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

Food Products and Processing (3 hour course)

- ASI 350 Meat Science
- ASI 405 Fundamentals of Milk Processing
- 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 hour course)

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

Agriculture Production with Lab (minimum of a 3 hour course)

- 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 Entomology with ENTOM 306 Animal Health Entomology Lab
- ENTOM 320 Horticultural Entomology
- 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 374 Landscape Plants 1
- HORT 520 Fruit Production
- HORT 570 Greenhouse Operations Management
- HORT 585 Arboriculture