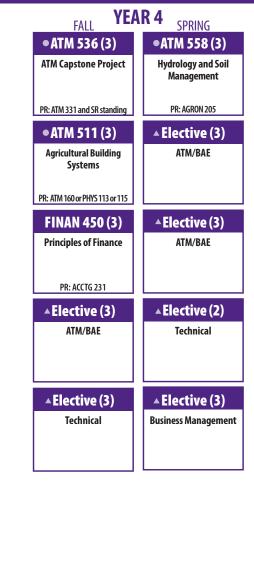
Agricultural Technology Management (Agribusiness Management Option)

120 credit hours total

FALL YEAR 1 SPRING	
CHM 210 (4)	BIOL 198 (4)
Chemistry I	Principles of Biology
•ATM 160 (3)	ECON 110 (3)
Engineered Systems and Technology in Agriculture	Principles of Macroeconomics
DEN 160 (1)	*ENGL 100 (3)
College of Engineering Orientation	Expository Writing I
	KSC-1
*COMM 106 (3)	*Elective (3)
Public Speaking	Arts and Humanities
KSC-2	KSC-6
*Elective (3)	*Elective (3)
Social and Behavioral Sciences	Institutional
KSC-5	KSC-7

FALL YEAR 2 SPRING	
*MATH 205 (3)	STAT 325 (3)
General Calculus and Linear Algebra	Introduction to Statistics
KSC-3	
MANGT 220 (3)	*PHYS 113 (4)
Principles of Management	General Physics I
	KSC-4
*ENGL 200 (3)	ACCTG 231 (3)
Expository Writing II	Introduction to Managerial Accounting
KSC-1 PR: ENGL 100	
▲Elective (3)	▲ Elective (3)
Graphics	ATM/BAE
*Elective (3)	*Elective (3)
Arts and Humanities	Social and Behavioral Sciences
KSC-6	KSC-5

FALL YEAR 3 SPRING		
CC 110 (2)	•ATM 331 (1)	
Introduction to Computing	Professional Practice for Agricultural Technology Managers	
	PR: JR standing	
CC 111 (1)	•ATM 450 (3)	
Elements of Computer Programming	Sensors and Controls for Agricultural and Biological Systems PR: PHYS 113 or 115	
PR/CO: CC 110	PR: ATM 160 or MATH 100	
ACCTG 241 (3)	MKTG 250 (3)	
Introduction to Financial Accounting	Introduction to Marketing	
PR: ACCTG 231		
AGRON 205 (3)	▲ Elective (3)	
Soils	ATM/BAE	
PR: CHM 110 or 210		
●BAE 350/351 (3)	▲ Elective (2)	
Off Road Machinery Systems and Laboratory	Technical	
PR: CHM 210		
*Elective (3)	▲Elective (3)	
Institutional	Business Management	
KSC-7		



(14 credit hours)

(16 credit hours)

(15 credit hours)

(16 credit hours)

(15 credit hours)

(15 credit hours)

(15 credit hours)

(14 credit hours)



Prerequisite for another course PR = Prerequisite requirement

PR/CO = Prerequisite or concurrent requirement

★ = K-State Core (KSC) course

Agricultural Technology Management Curriculum Notes

Students who satisfy all or part of K-State Core Institutional Electives (KSC-7) with courses that satisfy other degree requirements may use additional unrestricted electives to meet the degree requirement of 120 credit hours.

Substitutions

AGEC 318 or MANGT 421 can substitute for MANGT 220.

AGEC 515 can substitute for MKTG 400.

AGEC 513 can substitute for FINAN 450.

CE 202 or GRSC 210 can substitute for BAE 250.

ECON 120 can substitute for ECON 110.

Technical Electives

ATM/BAE electives and technical electives must be selected from an approved departmental list and be used to complete one of the option areas listed below.

Agribusiness Management (43 credit hours total in option)

- 21 credit hours of required courses within option
- 15 credit hours of ATM/BAE electives
- 7 credit hours of technical electives

Biomanufacturing (43 credit hours total in option)

- 24 credit hours of required courses within option
- 9 credit hours of ATM/BAE electives
- 10 credit hours of technical electives

Precision Agriculture (43 credit hours total in option)

- 26 credit hours of required courses within option
- 12 credit hours of ATM/BAE electives
- 15 credit hours of technical electives

Production Agriculture (43 credit hours total in option)

- 19 credit hours of required courses within option
- 9 credit hours of ATM/BAE electives
- 15 credit hours of technical electives

Water Management (43 credit hours total in option)

- 17 credit hours of required courses within option
- 15 credit hours of ATM/BAE electives
- 11 credit hours of technical electives

Additional information is available at

bae.k-state.edu/academics/undergraduate/atm/atm-elective-lists.pdf.

K-State Core

The K-State Core (KSC) is the university's version of the systemwide general education framework established by the Kansas Board of Regents.

KSC requirement 1 – English (6 hours)

KSC requirement 2 – Communications (3 hours)

KSC requirement 3 – Math and Statistics (3 hours)

KSC requirement 4 – Natural and Physical Sciences (4-5 hours)

KSC requirement 5* – Social and Behavioral Sciences (6 hours)

KSC requirement 6* – Arts and Humanities (6 hours)

KSC requirement 7 – Institutional Electives (6 hours)

To view course lists for each requirement, visit **k-state.edu/provost/kstate-core**.

*Requires two courses from two different subject areas.

