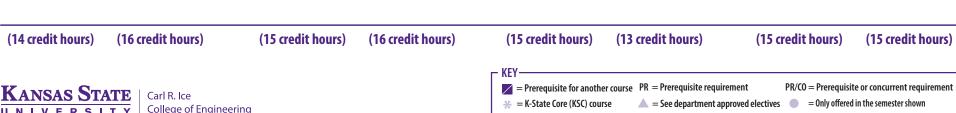
Agricultural Technology Management (Production Agriculture Option) 120 credit hours total YEAR 1 YEAR 2 YEAR 3 YEAR 4 SPRING SPRING SPRING SPRING FALL FALL FALL FALL *MATH 205 (3) ATM 455 (3) STAT 325 (3) CC 110 (2) ATM 331(1) CHM 210(4) *BIOL 198 (4) ATM 536 (3) **General Calculus and Chemistry** I **Principles of Biology** Introduction to Statistics Introduction to **Professional Practice for** ATM Capstone Project **Engines and Power** Computing Agricultural Technology Linear Algebra Transfer Managers KSC-3 PR: JR standing PR: ATM 331 and SR standing PR: BAE 350 ATM 160 (3) *PHYS 113 (4) ECON 110 (3) MANGT 220 (3) CC 111 (1) ATM 450 (3) Elective (3) Elective (3) Engineered Systems and **Principles of General Physics I** Sensors and Controls for Principles of Elements of Computer ATM/BAE ATM/BAE **Technology in Agriculture** Macroeconomics Management Agricultural and Programming **Biological Systems** PR: PHYS 113 or 115 PR: ATM 160 or MATH 100 KSC-4 PR/CO: CC 110 *ENGL 100 (3) Elective (3) **DEN 160(1)** *ENGL 200 (3) ACCT 231 (3) ATM 511 (3) • ATM 558 (3) Elective (3) Accounting for Business **College of Engineering** Expository Writing I **Expository Writing II** Agricultural Building Hydrology and Soil ATM/BAE Technical Orientation Operation Systems Management KSC-1 KSC-1 PR: ENGL 100 PR: ATM 160 or PHYS 113 or 115 PR: AGRON 205 *COMM 106 (3) *Elective (3) BAE 350/351 (3) AGRON 205/206 (4) IMSE 250/251 (3) Elective (3) Elective (3) ▲Elective (3) Off Road Machinery Technical **Public Speaking Arts and Humanities** Soils and Laboratory Introduction to Technical Technical Systems and Laboratory Manufacturing Processes and Systems and Laboratory KSC-2 KSC-6 PR: CHM 210 PR: CHM 110 or 210 PR: MATH 205 or 220 ME 212 (2) Elective (3) Elective (3) *Elective (3) *Elective (3) *Elective (3) Elective (3) *Elective (3) Social and Behavioral Institutional **Engineering Graphics** Social and Behavioral Institutional Arts and Humanities **Business Management** Technical Sciences Sciences KSC-5 KSC-7 PR/CO: MATH 205 or 220 KSC-5 KSC-7 KSC-6 Elective (3)



Business Management

Flowchart is for advising purposes only. Students are responsible for complying with University Catalog requirements.

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. 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.

 KANSAS STATE
 Carl R. Ice

 U N I V E R S I T Y
 College of Engineering