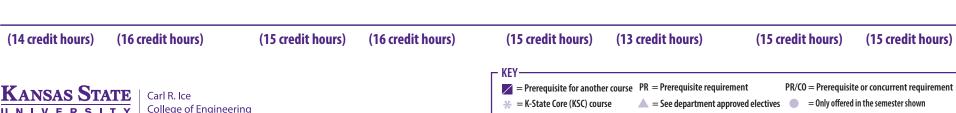
#### Agricultural Technology Management (Production Agriculture Option) 120 credit hours total YEAR 1 YEAR 2 YEAR 3 YEAR 4 SPRING SPRING SPRING SPRING FALL FALL FALL FALL \*MATH 205 (3) ATM 455 (3) STAT 325 (3) CC 110 (2) ATM 331(1) CHM 210(4) \*BIOL 198 (4) ATM 536 (3) **General Calculus and Chemistry** 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