### Agricultural Technology Management

#### Precision Agriculture Option

<table>
<thead>
<tr>
<th>YEAR 1</th>
<th>YEAR 2</th>
<th>YEAR 3</th>
<th>YEAR 4</th>
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</thead>
<tbody>
<tr>
<td><strong>FALL</strong></td>
<td><strong>SPRING</strong></td>
<td><strong>FALL</strong></td>
<td><strong>SPRING</strong></td>
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<tr>
<td>CHM 210 (4)</td>
<td>BIOL 198 (4)</td>
<td>MATH 205 (3)</td>
<td>GEOG 302 (3)</td>
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<tr>
<td>Chemistry I</td>
<td>Principles of Biology</td>
<td>General Calculus and Linear Algebra</td>
<td>Cartography and Thematic Mapping</td>
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<tr>
<td>ATM 160 (3)</td>
<td>ECON 110 (3)</td>
<td>MANGT 220 (3)</td>
<td>PHYS 113 (4)</td>
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<tr>
<td>Engineered Systems and Technology in Agriculture</td>
<td>Principles of Macroeconomics</td>
<td>Principles of Management</td>
<td>General Physics I</td>
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<tr>
<td>DEN 160 (1)</td>
<td>ENGL 100 (3)</td>
<td>ENGL 200 (3)</td>
<td>ACCT 231 (3)</td>
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<tr>
<td>College of Engineering Orientation</td>
<td>Expository Writing I</td>
<td>Expository Writing II</td>
<td>Accounting for Business Operation</td>
</tr>
<tr>
<td>COMM 106 (3)</td>
<td>Elective (3)</td>
<td>Elective (3)</td>
<td>Elective (3)</td>
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<tr>
<td>Public Speaking</td>
<td>Arts and Humanities</td>
<td>Expository Writing I</td>
<td>Accounting for Business Operation</td>
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<td>Elective (3)</td>
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**Elective (3)**

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#### Degree Map

- **K-State Core (KSC) course**
- **Prerequisite for another course**
- **Prerequisite requirement**
- **Prerequisite or concurrent requirement**
- **See department approved electives**
- **Only offered in the semester shown**

Degree map 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.