



Agriculture & Industrial Technology

Associate of Science



Agriculture includes the principles of animal care, crop and vegetable farming, marketing of farm products, sustainable practices, and large property management. This curriculum is designed to help prepare students to work in the business or production areas of agriculture. The Ag unit provides a hands-on learning lab for students in agriculture. Students interested in pursuing a bachelor's degree should enroll in the A.S. degree.

Required General Education Courses **32-34 cr**

- Communication Requirement** 9
- CM101 English Composition I (3 cr)
 - CM102 English Composition II (3 cr)
 - CM115 Public Speaking (3 cr) **or**
 - CM240 Interpersonal Communications (3 cr)

- Humanities Requirement (2 areas required)** 6
- Art Humanities
 - Music Literature
 - Theatre Philosophy
 - Foreign Language History

- Mathematics Requirement** 3
- Mathematics General Education Course

- Natural Science Requirement (2 areas required)** 8-10
- Physical Science (w/lab) (4-5 cr)
 - Biological Science (w/lab) (4-5 cr)

- Social/Behavioral Science Requirement** 6
(2 areas required)
- Economics Anthropology
 - Psychology Political Science
 - Sociology Geography

Required Agriculture Courses **13 cr**

- AG101 Crop Science **or**
- AG150 Introduction to Horticulture 4
- AG115 Animal Science 3
- AG130 Principles of Agricultural Economics 3
- AG210 Agriculture Advertising and Design 3

Elective Courses* (See reverse side for complete listing) **11 cr**

- Elective _____ _____
- Elective _____ _____
- Elective _____ _____
- Elective _____ _____
- Elective _____ _____

Open Electives* **4-6 cr**

- Elective _____ _____
- Elective _____ _____
- Elective _____ _____
- Elective _____ _____

*All electives should be selected with assistance from an advisor.

General Education substitutions must be approved by the Vice President for Academic Affairs. Program substitutions must be approved by the department chair.

First Semester:

Second Semester:

Third Semester:

Fourth Semester:

Anticipated Graduation _____ Total Hours _____
Minimum 62 credit hrs. with minimum GPA 2.0.

Any non-technical, non-developmental course may be used to fulfill open elective requirements.

Total Credits Required 62



There are many factors to consider when picking the college and the degree that are the best match for you. Explore ksdegreestats.org to learn more about the specific costs of each undergraduate degree program offered in Kansas, and the earnings those graduates are making today.

The Associate of Science elective options listed below are organized by course type. All electives should be selected with assistance from an advisor. Program substitutions must be approved by the department chair.

Agronomy

__AG101 Crop Science.....	4
__AG102 Introduction to Plant Pest Control	3
__AG103 Plant & Soils for Crop Production.....	3
__AG104 Soils.....	4
__AG105 Range Management.....	3
__AG106 Soil Classification and Evaluation.....	1
__AG107 Agronomy ID & Experimentation	1
__AG108 Environmental Quality.....	3
__AG109 Environmental Quality Lab	1
__AG112 Agronomy ID & Experimentation II	1
__AG150 Introduction to Horticulture	4
__AG164 Advanced Soil Classification & Evaluation	1

Animal Science

__AG111 Animal Management.....	3
__AG118 Principles of Livestock Selection I.....	2
__AG119 Principles of Livestock Selection II	1
__AG123 Beef Science	3
__AG128 Animal Health and Nutrition	3
__AG139 Farm Animal Reproduction	4

Business

__AG132 Agriculture Management	3
__AG134 Agricultural Marketing	3
__AG217 Farm Computer Application I.....	3
__BE100 Introduction to Business.....	3
__BE152 Salesmanship	3
__BE153 Personal Finance	3
__BE160 Business Accounting.....	3
__BE161 Accounting I.....	3
__BE162 Accounting II.....	3
__BE188 Principles of Advertising.....	3
__MG102 Introduction to Entrepreneurship.....	3

Communications

__JN100 Mass Media in Society	3
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Equine

__AG122 Introduction to Horsemanship.....	2
__AG125 Horse Science.....	3
__AG159 Equine Evaluation	1
__AG165 Equine Evaluation II	1
__AG166 Fundamentals of Livestock Nutrition.....	3
__AG188 Varsity Sports Eques/Rodeo	1
__AG189 Varsity Sports Eques/Rodeo II	1
__AG225 Basic Equitation	3
__AG226 Advanced Equitation	3
__AG228 Focused Equitation	3

Pre-Veterinarian

__EC101 Principles of Macroeconomics	3
__MA112 Trigonometry	3
__MA114 Elementary Statistics.....	3
__SC110 Principles of Biology I.....	5
__SC111 Microbiology Lecture.....	3
__SC112 Microbiology Lab.....	2
__SC131 Chemistry I w/lab.....	5
__SC132 Chemistry II w/lab.....	5
__SC140 College Physics I w/lab	5
__SC141 College Physics II w/lab.....	5
__SC151 Principles of Biology II	5

Additional Electives

__AG220 Cooperative Education Internship.....	1-6
__WE240 GIS/GPS	3