

## Animal Sciences and Industry - Animal Products Option

### Your Degree Option

The Animal Sciences and Industry curriculum combines studies in nutrition, genetics, reproduction, behavior, physiology, business, and technology with production, management, and agribusiness skills. The goal of the industry is to produce safe, quality food animal products to meet consumers' demands both domestically and internationally. The Animal Products Option is designed for the student who seeks employment in the food industry. Students are required to take courses in food/meat processing and technology, food microbiology, food quality assurance, as well as elective courses from areas such as live animal production to courses in food safety and security.



### Your Career

A strength of the degree earned in Animal Sciences is the diversity of career opportunities. They range from self-employment to jobs with large corporations. In the business world, positions include management, sales, product development, personnel, regulation, and field service. Education positions include county agent, teacher, research worker, and laboratory director. Communication businesses hire editors, field representatives, radio broadcasters, and public relations professionals. A wide range of enterprises employ K-State animal sciences graduates: artificial insemination services, feed companies, banks, equipment suppliers, cooperatives, breed associations, meat packers, food processors, dairy plants, feedlots, poultry breeders, equipment manufacturers, commercial hog and poultry farms, and ranching operations.

### Get started!

The degree map on the reverse page will show you a listing of classes you need to take from Barton Community College and K-State to complete the Animal Science 2+2. This degree map has been reviewed and accepted by both schools as an illustration, which is subject to change. Many other combinations of courses may be possible, so students should contact a K-State representative or their community college advisor before committing to a particular transfer program.

To get started, contact the K-State 2+2 representative by calling 620-786-1188 or e-mail [bartondce@k-state.edu](mailto:bartondce@k-state.edu).

To learn more about the Animal Sciences and Industry degree:

- Phone: 785-532-5575 or 1-800-622-2KSU
- E-mail: [informationdce@k-state.edu](mailto:informationdce@k-state.edu)
- Website: [www.dce.k-state.edu/courses/bachelorsdegree/animalscience/](http://www.dce.k-state.edu/courses/bachelorsdegree/animalscience/)

Note: Kansas Board of Regents requirements have been incorporated into this degree plan, including the following rules governing bachelor's degrees:

- a. A bachelor's degree must include at least 124 credit hours;
- b. It must have at least 60 credit hours earned from an institution where the majority of degrees granted are at the bachelor's degree level or higher;
- c. It must include at least 45 credit hours at the junior level (numbered 300) or higher;
- d. It must include at least 45 credit hours of general education in defined areas.

Kansas State University College of Agriculture requires a minimum of 126 credit hours to complete this degree and will accept up to one half of the required credit hours (or 63 credit hours) from a community college.

#### Notice of Nondiscrimination

Kansas State University is committed to nondiscrimination on the basis of race, color, ethnic or national origin, sex, sexual orientation, gender identity, religion, age, ancestry, disability, military status, veteran status, or other nonmerit reasons, in admissions, educational programs, or activities and employment, including employment of disabled veterans and veterans of the Vietnam Era, as required by applicable laws and regulations. Responsibility for coordination of compliance efforts and receipt of inquiries concerning Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and the Americans With Disabilities Act of 1990 has been delegated to the director of Affirmative Action, Kansas State University, 214 Anderson Hall, Manhattan, KS 66506-0124, 785-532-6220 or TTY: 785-532-4807. August 2009

#### Disability Support Services

A student with a disability who wishes to request accommodations for a credit course should notify the course instructor or contact the Disability Support Services Office, <http://www.k-state.edu/dss/>, 785-532-6441, or e-mail [dss@k-state.edu](mailto:dss@k-state.edu). Early notification is requested to ensure that accommodations can be provided in a timely manner.

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- 63 hours, as outlined below, can be transferred from Barton Community College and applied to the bachelor's degree.
- All K-State courses can be obtained through distance learning.
- K-State Animal Sciences and Industry courses are preliminary choices; advising should be completed by an ASI Distance Advisor.
- Students may apply to K-State's Bachelor's Degree Completion Program once they earn 60 hours at Barton with a 2.0 GPA.
- The Barton Transfer Equivalency Page is located at: [www.k-state.edu/admit/dars/states/kansas.html](http://www.k-state.edu/admit/dars/states/kansas.html)

**Associate of Science**

<input type="checkbox"/> ENGL 1204 English Composition I	_____	3
<input type="checkbox"/> ENGL 1206 English Composition II	_____	3
<input type="checkbox"/> COMM 1230 Public Speaking	_____	3
<input type="checkbox"/> MATH 1828 College Algebra	_____	3
<input type="checkbox"/> ACCT 1614 Accounting I**	_____	3
<input type="checkbox"/> ACCT 1616 Accounting II**	_____	3
<input type="checkbox"/> AGRI 1106 Principles of Animal Science	_____	3
<input type="checkbox"/> AGRI 1110 Fund of Animal Nutrition	_____	3
<input type="checkbox"/> AGRI 1150 Economic Entomology	_____	4
<input type="checkbox"/> AGRI 1190 Animal Sciences and Industry	_____	1
<input type="checkbox"/> BSTC 1036 Computer Concepts/App	_____	3
<input type="checkbox"/> CHEM 1802 Fund of General Chemistry	_____	5
<input type="checkbox"/> ECON 1610 Principles of Macroecon	_____	3
<input type="checkbox"/> LIFE 1402 Principles of Biology	_____	5
<input type="checkbox"/> LIFE 1412 Principles of Microbiology	_____	5
<input type="checkbox"/> Physical Education, Health, Perform	_____	2
<input type="checkbox"/> AGRI Electives *	_____	3-5
<input type="checkbox"/> Humanities Electives	_____	6
<input type="checkbox"/> Social Science Elective	_____	3

**Total Credit Hours** **64-66**

\* Student can choose one course from Electives  
AGRI 1114, AGRI 1115, AGRI 1120  
\*\*May also take ACCT 1640 \* 1641



**Bachelor of Science in Animal Sciences and Industry, Animal Products Option**

<input type="checkbox"/> ASI 106 Dairy/Poultry Science*	_____	1
<input type="checkbox"/> ASI 340 Principles of Meat Science	_____	2
<input type="checkbox"/> ASI 535 Swine Science	_____	3
<input type="checkbox"/> BIOCH 265 Intro to Organic/Biochem*	_____	5
<input type="checkbox"/> FDSCI 302 Intro to Food Science	_____	3
<input type="checkbox"/> FDSCI 307 Applied Micro Meat/Poultry	_____	3
<input type="checkbox"/> FDSCI 500 Seminar	_____	1
<input type="checkbox"/> FDSCI 600 Microbiology of Food	_____	2
<input type="checkbox"/> FDSCI 690 Principles of HACCP	_____	2
<input type="checkbox"/> FDSCI 695 QA of Food Products	_____	3
<input type="checkbox"/> PHYS 115 Descriptive Physics*	_____	5
<input type="checkbox"/> Communications Course	_____	3
<input type="checkbox"/> 300+ Elective in ASI/FDSCI	_____	3
<input type="checkbox"/> 300+ Elective in ASI/FDSCI	_____	3
<input type="checkbox"/> 300+ Elective in ASI/FDSCI	_____	3
<input type="checkbox"/> 300+ Elective in ASI/FDSCI	_____	3
<input type="checkbox"/> 300+ Elective in ASI/FDSCI	_____	3
<input type="checkbox"/> 300+ Elective in ASI/FDSCI	_____	3
<input type="checkbox"/> 300+ Elective in ASI/FDSCI	_____	3
<input type="checkbox"/> Elective	_____	3
<input type="checkbox"/> Elective	_____	3
<input type="checkbox"/> One Course in Business/Economics	_____	3
<input type="checkbox"/> One Course in MATH/STAT	_____	3

**Total Credit Hours** **63**

\* Consult with a K-State advisor to select course from another four-year distance school if not available from K-State



**Total Credit Hours Taken: 127-129**  
**Total Credit Hours Applied to ASI BS Degree: 126**

**Student name**

**Last updated**

Associate start date \_\_\_\_\_ Associate completion date \_\_\_\_\_  
 Advisor contact:  
 Name \_\_\_\_\_  
 Phone \_\_\_\_\_  
 E-mail \_\_\_\_\_

Bachelor's start date \_\_\_\_\_ Bachelor's completion date \_\_\_\_\_  
 Advisor contact:  
 Name \_\_\_\_\_  
 Phone \_\_\_\_\_  
 E-mail \_\_\_\_\_