

	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
CLASSES	Intro to Agriculture	Ag Animal Science	Advanced Animal Science	Ag Business Foundations Ag in Industry Internship
EVENTS / STUDENT ORGANIZATIONS	FFA	FFA	FFA	FFA
WORK-BASED LEARNING	<b>Level 1 Awareness Pathway Introductory Course **</b> Career Fairs Career Survey / Inventory Classroom Speakers 2yr / 4yr College Visits 4+ Year Planning	<b>Level 2 Exploration</b> In-Class Simulations Case Studies Hands-On Projects <b>Industry Site Visit **</b> Industry-Specific Training Job Shadows 4+ Year Planning	<b>Level 3 Preparation Job Shadow **</b> Multi-Experience Visit Mock Interviews School-Based Enterprise Targeted Post Secondary Visit 4+ Year Planning	<b>Level 4 Training Internship **</b> Apprenticeship Consultancy Project Capstone Project Post Secondary Commitment 4+ Year Planning
CORE CLASSES	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
ENGLISH/ LANGUAGE ARTS	<b>English 9</b>	<b>English 10</b>	<b>English 11</b> Fundamentals of Oral Communications <b>k</b> Composition 1 <b>k</b>	<b>English 12</b> Composition I <b>k</b> Composition II <b>k</b>
MATHEMATICS	<b>Core Math</b>	<b>Core Math</b>	<b>Core Math</b>	Math Elective
SCIENCE	<b>Earth &amp; Space</b>	<b>Biology</b>	<b>Chemistry 1</b> <b>Physics 1</b>	Science Elective
SOCIAL STUDIES	<b>Financial Literacy &amp; Career Readiness</b>	<b>World History</b> West and the World II <b>k</b> West and the World III <b>k</b>	<b>U.S. History</b> US History to 1877 <b>k</b> US History Since 1877 <b>k</b>	<b>Government</b> AP Government
OTHER REQUIREMENTS	Freshman Health Freshman Fitness	Physical Education	Physical Education	Physical Education
ELECTIVE CREDITS	Student Choice	Student Choice	Student Choice	Student Choice

Source: <https://www.bls.gov>

Courses taken for dual credit denoted by the Kirkwood CC logo: **k**  
\*\* Pathway Focus Activity

**Associate Degree**

Associate Degree in Veterinary Technology

**Sample Career**

Veterinary Technician

**Salaries**

\$40,000

**Bachelor's Degree from Iowa Universities and Colleges**

Bachelor's Degree in Animal Science

**Sample Career**

Animal Nutritionist

**Salaries**

\$70,000

Bachelor's Degree in Animal Science

Livestock Sales

\$80,000

**Advanced Degree**

Master's of Animal Science

**Sample Career**

Animal Biotechnologist

**Salaries**

\$95,000

Doctorate in Veterinary Medicine

Veterinarian

\$120,000