

Career Pathway: Agriculture, Food & Natural Resources



Plan of Study: Animal Science Focus

Diploma: Lakeland Leading EDGE Core 40 with Academic Honors and Technical Honors

Career Goal: Vet Technician, Veterinarian, Zoo Keeper, Animal Shelter Operator, Animal Nutritionist, Wildlife Biologist, Livestock Management, Feed Sales

High School	Grade	English/ Language Arts	Math	Science	Social Studies	Other Required Courses	Additional Recommended Courses	Career Pathway Career & Technical Courses
	9	English 9	Geometry (or Algebra I)	Biology I	Geography	PE I and PE II Media Communications Foreign Language I		Introduction to Agriculture, Food, and Natural Resources <i>Recommended: Supervised Agricultural Experience & FFA</i>
	10	English 10	Algebra II Honors (or Geometry)	Chemistry	World History	Foreign Language II Fine Arts Course	Anatomy & Physiology	Animal Science <i>Recommended: Supervised Agricultural Experience & FFA</i>
	11	AP Language & Composition or other English Course	Pre-Calculus or other math course	Biology II	US History / Government	Foreign Language III	AP Biology (Dual Credit)	Agribusiness Management or Natural Resources <i>Recommended: Supervised Agricultural Experience & FFA</i>
College Placement Assessments (SAT, ACT, etc.) and Academic Career Advisement								
12	AP Literature & Composition or other English Course	Probability & Statistics or AP Calculus		Economics	Community Service Senior Project	AP Chemistry (Dual Credit) Professional Career Internship	Advanced Life Science - Animals (Dual Credit) <i>Recommended: Supervised Agricultural Experience & FFA</i>	

Occupations Relating to This Career Pathway

Occupations requiring less than a Bachelor Degree	Bachelor Degree Required	Bachelor Degree and beyond required
<ul style="list-style-type: none"> ▶ Vet Technician ▶ Animal Shelter Oper. ▶ Zoo Keeper ▶ Livestock Manager ▶ Livestock Feed Sales 	<ul style="list-style-type: none"> ▶ Pet Store Employee ▶ Pet Groomer ▶ Kennel Manager ▶ Stable Manager 	<ul style="list-style-type: none"> ▶ Wildlife Biologist ▶ Animal Science Research & Dev. ▶ Equine Studies ▶ Ag Sales & Service - Animal Products ▶ Animal Nutritionist
<ul style="list-style-type: none"> ▶ Research Scientist ▶ Veterinarian ▶ Biochemistry ▶ Biomedical Science 		