

Indiana College and Career Pathway Plan – State Model

Cluster: Agriculture

College & Career Pathway: Life Sciences

Concentration: Animals

Core 40 with Honors High School Graduation Plan*

*This is a SAMPLE plan for schools to use in planning. Course sequences and grade level in which courses are offered may vary according to local policies, practices and resources.

Students should enroll in Indiana Career Explorer, complete interest inventories, and investigate careers in clusters & pathways prior to or during the time they create their individual Pathway Plans.

SECONDARY	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Preparation Courses for this Pathway		Other Elective Courses for this Pathway	
	9	English 9	Algebra I	Biology	Physical Ed & World History/Civilization	Preparing for College & Careers	Introduction to Agriculture, Food, and Natural Resources	Digital Applications & Responsibilities	Spanish I or French I
	10	English 10	Geometry	Chemistry	Health & Wellness	Ag electives	Animal Science	Fine Arts	Spanish II or French II
	11	English 11	Algebra II	Science, Optional	US History	Ag electives	**Advanced Life Science: Animals	Personal Financial Responsibility	Spanish III or French III
	12	English 12	Math or Quantitative Reasoning		Government Economics	Ag electives		AP or dual credit course	AP or dual credit course
State specified Pathway Assessments: Dual Credit Final									
Industry Recognized Certification: NA									

Postsecondary Courses Aligned for Potential Dual Credit**

**See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

Purdue University

ANSC 10200 Introduction to Animal Science