



District Delavan-Darien Schools District
High School Delavan-Darien High School
Career Cluster Agriculture, Food & Natural Resources
Pathway Animal Systems

Program of Study Plan

This *Program of Study Plan* should serve as a guide in the development of a secondary/post-secondary pathway for a secondary Perkins funding application. Courses listed within this plan are only recommended and are indicative of the courses needed to complete a pathway.

EDUCATION LEVEL	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Career and Technical Courses <i>Central</i> to this Pathway	Other Career and Technical Education Courses, Electives, and Student Organizations <i>Related to the Pathway</i>	SAMPLE Occupations Relating to This Pathway			
Career Interest Inventory Administered and Program of Study Initiated for all Learners.											
SECONDARY	9	English 9	Algebra 1		World Geography	Agricultural Survey Physical, Earth and Agricultural Science	<ul style="list-style-type: none"> ▶ FFA ▶ Supervised Agricultural Experience (SAE) ▶ Career Development Events ▶ Service Learning ▶ Courses in Business and Marketing Education Computer Apps and Business Management ▶ Courses in Technology and Pre-Engineering ▶ Courses in World Languages ▶ FBLA 	<ul style="list-style-type: none"> ▶ Agricultural Educator ▶ Animal Caretaker ▶ Animal Nutritionist ▶ Aquaculturalist ▶ Artificial Insemination Technician ▶ Dairy Producer ▶ Equine Manager ▶ Feed Sales Representative ▶ Livestock Buyer ▶ Livestock Geneticist ▶ Livestock Inspector ▶ Livestock Producer ▶ Meat Science Researcher ▶ Physiologist ▶ Poultry Manager ▶ USDA Inspector ▶ Veterinary Assistant ▶ Veterinarian ▶ Wildlife Biologist 			
	10	English 10	Geometry C Geometry T	Biology	U.S. History	Animal Science Vet Science Fish and Wildlife Conservation Environmental Conservation					
	11	American Lit Inter Comp	Algebra II	Chemistry Bio II Chem II	Euro History	Environmental Science Biotech Youth Apprenticeship Dairy and Livestock Production					
	College Placement Assessments-Academic/Career Advisement Provided (ACT, SAT, etc.)										
	12	World Lit Speech Humanities	Trigonometry and Functions AP Statistics	AP Biology AP Chemistry Anat & Phys	Psychology Sociology Economics	Youth Apprenticeship Dairy and Livestock Production Marketing Leadership Internship LA Lab MATC Online Med Terms class					
POST-SECONDARY	13	Communications Skills 1	Math with Business Applications	Principals of Animal Biology	Contemporary American Society	Introduction to Animal Science, UWP Plant, Soil and the Environment, UWP Intro to Ag Business, UWP	FFA/SAE Post-secondary Agricultural Student Organization				
	14	Technical Reporting	College Algebra	Biological Science-Botany Tech. Chemistry	Economics Psychology of Human Relations	Animal Nutrition, UWP Genetics of Animal Improvement, UWP	FFA/SAE Post-secondary Agricultural Student Organization				
	Courses Related to Major or Minor										
	15	Technical Writing	Statistics	Biochemistry/ Microbiology	Political Science	Continue courses in the area of specialization in Livestock Management	FFA/Supervised Agricultural Experience				
16	Continue courses in the area of specialization	Continue courses in the area of specialization	Continue courses in the area of specialization	Continue courses in the area of specialization	Complete Animal Systems Major (4-Year Degree Program)	FFA/Supervised Agricultural Experience					

Advanced Placement = AP, Dual/Transcripted Credit = D/TC, Youth Options = YO