



**District** Delavan-Darien School District  
**High School** Delavan-Darien High School  
**Career Cluster** Agriculture, Food & Natural Resources  
**Pathway** Natural Resources 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 to this Pathway</i>	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	Ag Survey Physical, Earth and Agricultural Science	<ul style="list-style-type: none"> <li>▶ <b>FFA</b></li> <li>▶ Supervised Agricultural Experience (SAE)</li> <li>▶ FFA Career Development Events</li> <li>▶ <b>AP Envir Science Exam</b></li> <li>▶ Courses in Business and Marketing Education -</li> <li><b>Computer Apps and Business Management</b></li> <li>▶ Courses in Technology and Pre-Engineering</li> <li>▶ Courses in World Languages</li> <li>▶ FBLA</li> </ul>	<ul style="list-style-type: none"> <li>▶ Agricultural Educator</li> <li>▶ Commercial Fisherman</li> <li>▶ Ecologist</li> <li>▶ Fish and Game Officer</li> <li>▶ Fisheries Technician</li> <li>▶ Forest Technician</li> <li>▶ Geologist</li> <li>▶ Geology Technician</li> <li>▶ Hydrologist</li> <li>▶ Log Grader</li> <li>▶ Logger</li> <li>▶ Mining Engineer</li> <li>▶ Park Manager</li> <li>▶ Pulp and Paper Manager</li> <li>▶ Range Technician</li> <li>▶ Water Monitoring Technician</li> <li>▶ Wildlife Manager</li> </ul>	
	10	English 10	Geometry C Geometry T	Biology	U.S. History	Animal Science Botany Environmental Science			
	11	American Lit Inter Comp	Algebra II	Chemistry Bio II Chem II Earth Science	Euro History	Environmental Conservation Fish and Wildlife Conservation Vet Science			
	12	World Lit Speech Humanities	Trigonometry and Functions AP Statistics	AP Biology AP Chemistry Anat & Phys	Psychology Sociology Economics	Leadership Biotechnology Landscape Management			
College Placement Assessments-Academic/Career Advisement Provided (ACT, SAT, etc.)									
POST-SECONDARY	<b>Gen Ed Courses</b>								
	13	Communication Skills 1 Written Communication	Math and Logic	Energy in Nature, Technology and Society	Economics	Plant, Soil and The Environment, UWP Soils, UWP	FFA/SAE Post-secondary Agricultural Student Organization		
	14	Communication Skills 2 Oral/Interpersonal Communication	Intro to College Math	Natural Science Biology Chemistry	Psychology	Environmental Law, UWP Geographic Info Systems, UWP	FFA/SAE Post-secondary Agricultural Student Organization		
	<b>Courses Related to Major or Minor</b>								
15	Technical Writing	Statistics	Biochemistry/ Microbiology	Political Science	Continue courses in the area of specialization in Natural Resources Systems	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 Natural Resources Systems Major (4-Year Degree Program)	FFA/Supervised Agricultural Experience			

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