



Agribusiness Systems Pathway



Agriculture, Food, and Natural Resources Career Cluster

This Program of Study plan should serve as a guide in the development of secondary and post-secondary course planning for students. Courses listed within this plan are only recommended and are indicative of the courses needed to complete a Program of Study. The following items need to be considered:

- Courses in the arts and humanities are valued by post-secondary institutions for their cognitive benefits and in communicating and expressing the ideas and emotions of the human spirit.
- Post-secondary institutions have varying course requirements for admission including World Languages.

High School	Grade	English	Math	Science	Social Studies	Other Required Courses	Pathway Electives Recommended	Credit Review	
	Required Credits	4.0	3.0	3.0	3.0	2.0	Recommended Sequence for Pathway <i>(may adjust yearly as needed)</i> [Minimum– 8.5 elective credits needed for graduation]	Grade	Graduation Credit Requirements
Grade 9	<ul style="list-style-type: none"> English 9 (1.0) -OR- Enriched English 9 (1.0) 	<ul style="list-style-type: none"> Algebra I (1.0) 	<ul style="list-style-type: none"> Earth Science (0.5) -OR- Honors Earth Science (0.5) 	<ul style="list-style-type: none"> US History (0.5) 	<ul style="list-style-type: none"> Level I Physical Education (0.5) Health 9 (0.5) 	<ul style="list-style-type: none"> Choose at least two of the following courses during Grades 9-12: <ul style="list-style-type: none"> > Horticulture A (0.5) > Small Animals (0.5) > Wildlife Management I (0.5) > Veterinary Science I (0.5) 	<ul style="list-style-type: none"> 9-12 9-12 9-12 10-12 	4.0 Required <u>2.0</u> Elective 6.0 Total	
Grade 10	<ul style="list-style-type: none"> English 10 (1.0) -OR- Enriched English 10 (1.0) 	<ul style="list-style-type: none"> Geometry (1.0) -OR- Enriched Geometry (1.0) 	<ul style="list-style-type: none"> Biology (1.0) 	<ul style="list-style-type: none"> World Studies (1.0) -OR- AP European Studies (1.0) 	<ul style="list-style-type: none"> Level II Physical Education (0.5) 	<ul style="list-style-type: none"> Personal Finance (TC) (0.5) Accounting I (0.5) 	<ul style="list-style-type: none"> 10-12 10-12 	4.5 Required <u>1.5</u> Elective 6.0 Total	
Grade 11	<ul style="list-style-type: none"> English 11 (1.0) -OR- AP Language & Composition (1.0) 	<ul style="list-style-type: none"> Algebra II/ Trigonometry (1.0) -OR- Enriched Algebra II/ Trigonometry (1.0) 	<ul style="list-style-type: none"> Any course that satisfies the Physical Science graduation requirement (1.0) 	<ul style="list-style-type: none"> Government (0.5) -OR- AP United States Government and Politics (0.5) 	<ul style="list-style-type: none"> Level III Physical Education (0.5) 	<ul style="list-style-type: none"> Marketing I (TC) (1.0) 	<ul style="list-style-type: none"> 11-12 	4.0 Required <u>2.0</u> Elective 6.0 Total	
Grade 12	<ul style="list-style-type: none"> English 12 (1.0) -OR- AP Literature & Composition (1.0) 	<ul style="list-style-type: none"> See post-secondary institution for math requirements 	<ul style="list-style-type: none"> Any additional Science course (0.5) 	<ul style="list-style-type: none"> AP Psychology (1.0) -OR- Psychology (0.5) -OR- Sociology/Social Issues (0.5) AP Economics (0.5) -OR- Economics (0.5) 				2.5 Required <u>3.0</u> Elective 5.5 Total	
Course Code Key (see course catalog for further details)		28 Credits Possible		Other Related Courses and Activities (curricular, co-curricular, and extra-curricular)					
AP Advanced Placement AS Advanced Standing (Chippewa Valley Technical College) TC Transcribed Credit (Chippewa Valley Technical College) YO Youth Options (0.5) Course is worth 0.5 credit (1.0) Course is worth 1.0 credit		Credits Required Grades 9-12 15.0 Minimum Electives..... 8.5 Credits for Graduation.... 23.5		<ul style="list-style-type: none"> Agriculture, Food, and Natural Resources Youth Apprenticeship (1.0) Digital Applications (0.5) Personal Law (0.5) Preparation for College and Business Communications World Languages FFA DECA FBLA Food Science (0.5) 					

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Advisement provided through Student Services office and post-secondary transfer credits determined by college admissions counselors.
 Postsecondary credit transfer information also available at <http://www.uwsa.edu/tis>

Please visit the web site of institutions listed below for any program updates.

Post-Secondary Options	Baccalaureate Degree		Associate Degree Programs		Certificate/License	
	<p><u>University of Wisconsin - River Falls</u></p> <ul style="list-style-type: none"> • Agricultural Business • Agricultural Education • Agricultural Studies • Animal and Food Science • Biotechnology • Business Administration • Conservation • Crop and Soil Science - including: Crop Option; Soil Option; Sustainable Agriculture Option • Dairy Science • Genetics • Horticulture - including Landscape Option; Professional Option 	<p><u>University of Wisconsin - River Falls-continued</u></p> <ul style="list-style-type: none"> • Land Use Planning • Sustainable Management • Veterinary Medicine – Pre-professional Program <p><u>University of Wisconsin - Stout</u></p> <ul style="list-style-type: none"> • Business Administration • Management <p><u>University of Wisconsin - Stevens Point</u></p> <ul style="list-style-type: none"> • Forestry • Land Use Planning <p><u>University of Wisconsin – Eau Claire</u></p> <ul style="list-style-type: none"> • Business Administration • Finance 	<p><u>Chippewa Valley Technical College</u></p> <ul style="list-style-type: none"> • Agriscience Technician • Business Management • Farm Business and Production Management • Landscape, Plant and Turf Management <p><u>Blackhawk Technical College</u></p> <ul style="list-style-type: none"> • Agribusiness Specialist (Diploma Program) • Business Management • Farm Business – Production Management (Diploma Program) <p><u>Madison Area Technical College</u></p> <ul style="list-style-type: none"> • Biotechnology Laboratory Technician • Business Management <p><u>North Central Technical College</u></p> <ul style="list-style-type: none"> • Business Management • Dairy Science • Dairy Science – Agri Business 			
	Adult Apprenticeship, On-the-Job Training or Other		Employment Options			
			<p style="writing-mode: vertical-rl; transform: rotate(180deg); text-align: center; font-weight: bold;">Careers</p> <p><u>Careers Requiring a Certificate or Associate Degree</u></p> <ul style="list-style-type: none"> • Agricultural Chemical Dealer • Agricultural Products Buyer-Distributor • Bank/Loan Office • Dairy Herd Supervisor • Entrepreneur • Farm Manager • Farmer-Rancher-Feedlot Operator • Feed-Supply Store Manager • Field Representative for Bank, Insurance Company or Government Program • Livestock Manager • Sales Manager • Salesperson 	<p><u>Careers Requiring a Bachelor's Degree</u></p> <ul style="list-style-type: none"> • Agricultural Commodity Broker • Agricultural Economist • Agricultural Educator • Agricultural Lender • Banker/Loan Officer • Farm Investment Manager • Produce Commission Manager 		