



Food Products and Processing 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.

Grade	English	Math	Science	Social Studies	Other Required Courses	Pathway Electives Recommended	Credit Review	
	4.0	3.0	3.0	3.0	2.0	Recommended Sequence for Pathway (may adjust yearly as needed) [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) 	<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"> • Culinary Arts I (0.5) 	<ul style="list-style-type: none"> • 9-12 4.0 Required 2.0 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"> • Food Science (0.5) 	<ul style="list-style-type: none"> • 10-12 4.5 Required 1.5 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"> • Chemistry (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"> • Horticulture I (0.5) 	<ul style="list-style-type: none"> • 9-12 4.0 Required 2.0 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"> • See post-secondary institution for science requirements 	<ul style="list-style-type: none"> • AP Psychology (1.0) -OR- • Psychology (0.5) -OR- • Sociology/Social Issues (0.5) -OR- • AP Economics (0.5) -OR- • Economics (0.5) 			2.5 Required 3.0 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"> • Family & Consumer Sciences Youth Apprenticeship (1.0) • Culinary Arts II (0.5) • Health Occupations (0.5) • Agriculture, Food and Natural Resources Apprenticeship (1.0) • World Languages • Accounting I (0.5) • Entrepreneurship (TC) (0.5) • Marketing I (TC) (1.0) • Preparation for College and Business Communications (1.0) • FCCLA • FFA • SkillsUSA 			



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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 – Green Bay</u></p> <ul style="list-style-type: none"> Human Biology, nutritional sciences/dietetics emphasis <p><u>University of Wisconsin - Madison</u></p> <ul style="list-style-type: none"> Agricultural Business Management Dietetics Food Science Nutritional Science <p><u>University of Wisconsin - River Falls</u></p> <ul style="list-style-type: none"> Agricultural Business Agricultural Education Biotechnology 	<p><u>University of Wisconsin – Stevens Point</u></p> <ul style="list-style-type: none"> Dietetics <p><u>University of Wisconsin - Stout</u></p> <ul style="list-style-type: none"> Dietetics program, including a 12-month internship and successful completion of the Registered Dietetics (RD) Exam Food Systems and Technology Food and Nutritional Sciences, emphasis in Human Nutritional Science (Master's Degree Program) <p><u>Viterbo University</u></p> <ul style="list-style-type: none"> Nutrition and Dietetics 	<p><u>Milwaukee Area Technical College</u></p> <ul style="list-style-type: none"> Dietetic Technician 	
	Adult Apprenticeship, On-the-Job Training or Other		Employment Options		
			<p><u>Careers Requiring a Certificate or Associate Degree</u></p> <ul style="list-style-type: none"> Agricultural Communications Specialist Agricultural Salesperson Dietetic Technician Food and Drug Inspector Food Meal Supervisor Food Processor Meat Cutter-Meat Grader Meat Processor Produce Buyer 	<p><u>Careers Requiring a Bachelor's Degree</u></p> <ul style="list-style-type: none"> Agricultural Educator Bacteriologist Biochemist-Nutritionist Bioengineer Dietician Food and Fiber Engineer Food Scientist Meat Science Researcher Microbiologist Quality Control Specialist 	