

Agriculture, Food & Natural Resources Career Plan of Study

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Required Courses

Recommended Courses

	9th Grade	10th Grade	11th Grade	12th Grade
HIGH SCHOOL COURSES	English 9 or Honors English 9	English 10 or Honors English 10	English 11 or Honors English 11	2 English Electives or AP English
	Algebra I or Honors Algebra II	Geometry or Honors Geometry	Algebra/Trig or Honors Pre-Calculus	Pre-Calculus, AP Calculus, Stats or AP Stats
	Biology, Advanced Biology, or Honors Biology	Chemistry, Advanced Chemistry, or Honors Chemistry	Physics, Advanced Physics, or Honors Physics	AP Physics, AP Biology, AP Chemistry, Anatomy & Physiology
	World Cultures	US History I / US History II	US History III or APUSH / Economics	
	PE 9 / Health	PE 10	PE 11	
	Computer Requirement: grade 7-12 Computer Applications, Computer Studies, Programming 1, or Intro to Auto CADD			
	Possible Electives: Art, Business, Global Language, Music, FACE, PE, History			
Career Electives Intro to Business Intro to Technology Systems Transportation & Energy Intro to Auto-CADD /Adv. Auto-CADD Computer Applications / Computer Studies Computer Programming 1	Career Electives Transportation & Energy Intro to Auto-CADD /Adv. Auto-CADD Construction/Advanced Construction Do It Yourself Home Improvement Computer Programming 2 & 3	Career Electives Advanced Auto-CADD Construction 1 (Greenfield) PLTW Engineering classes at (Greendale) Intro to Engineering Design Principles of Engineering Youth Options Please see your counselor	Career Electives Additional Science Courses Additional Math Courses (Statistics/ Ap stats) Construction 2 (Greenfield) PLTW Engineering classes at (Greendale) Intro to Engineering Design Principles of Engineering Youth Options Please see your counselor	
CAREER OPTIONS	Occupations related to this career cluster:			Volunteer/Other Opportunities
	<p>Agricultural Engineers, Agricultural Inspectors, Chemical Technicians, Food Technologists, Foresters, Forestry Technicians, Animal Trainers, Kennel Owners, Veterinarians, Veterinary Technicians (HOT), Farm Equipment Technicians, Geologists, Environmental Engineers (HOT), Hydrologists (HOT), Wildlife Biologists, Agribusiness Supervisors, Dairy Farmers, Fish Farmers, Loggers, and Nursery and Greenhouse Managers</p> <p>More occupations can be found at www.wiscareers.wisc.edu. (HOT) Job openings in these occupations are projected to increase by at least 27% over the next 10 years.</p>			<p>4H - http://4h.uwex.edu/index.cfm Habitat for Humanity.</p> <p>Numerous volunteer opportunities available at www.Volunteermilwaukee.org</p>
POST SECONDARY	Technical College	College/University		Military
	AAS/Associate Degree = 2 year program Environmental and Pollution Control Technology Landscape Horticulture	<p>Possible Majors/Degrees Agriculture, Agriculture Technologies, Agricultural Production Operations, Aquaculture, Agricultural Business and Management, Animal Sciences, Floral Design, Horticulture Operations, Landscaping and Grounds keeping, Turf and Turf Grass Management, Food Science, Forestry, Environmental Science, Environmental Studies, Natural Resources Conservation, Water-Wetlands-and Marine Resources Management, Horticulture Science, Plant Science, Pest Management, and Wildlife Sciences and Management</p> <p>More majors/degrees can be found at www.wiscareers.wisc.edu.</p>		<p>Life Scientists Water and Sewage Treatment Plant Operators</p> <p>Obtain local recruiter contact information in guidance services.</p>