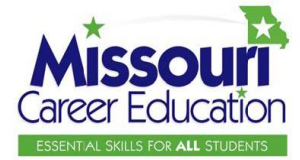


CAREER PATH: NATURAL RESOURCES AND AGRICULTURE



CAREER CLUSTER: Agriculture, Food & Natural Resources

CAREER PATHWAY: Agribusiness Systems, Animal Systems, Food Products & Processing Systems, Natural Resources & Environmental Services Systems, Power, Structural & Technical Systems, Plant Systems

RELATED OCCUPATIONS: Chemical Technician, Environmental Compliance Manager, Fisheries Manager, Forest Manager, Meteorologist, Agricultural Technologist, Biochemist, Food and Drug Inspector, Microbiologist, Agricultural Economist, International Agri-Marketing Specialist, Animal Geneticist, Veterinarian, Botanist, Landscape and Grounds manager, Tree Surgeon, Soil and Water Specialist. For more occupations visit: www.missouriconnections.org and/or www.missourieconomy.org

Blue Springs School District: Personal Plan of Study

Blue Springs School District: Personal Plan of Study				
High School	9 th Grade	10 th Grade	11 th Grade	12 th Grade
	English I or English I Literature & Comp	English II or World Literature & Comp	English III or AP Language	4th Communications Arts
	Algebra A, Algebra I or Geometry	Algebra B, Geometry, Tech Geometry or Algebra II	3rd Math	
	Physical Science or Accelerated Physical & Biological Science	Biology I or Pre-AP Biology	3rd Science	
	Geography & American Government or Advanced Government and Political Analysis	World History or AP European History	US History, AP US History or American History 101 & American History 102	
	PE/Health	PE		
				Personal Finance
	Additional 2014 graduation requirements are: 1 credit Practical Art; 1 credit Fine Art; 7 electives (must include ½ credit in technology & ½ credit in a speech class.)			

Career Major Coursework				
High School	ART Design Fundamentals I BUSINESS & TECHNOLOGY Introduction to Business Computer Applications Advanced Computer Applications Desktop/Multimedia Digital Video Media Marketing Business Ownership & Management Accounting COMMUNICATION ARTS Journalism English IV English 110 / 214 AP English	FACS Intro to FACS Intro to Culinary Arts Culinary Skills I / II World Foods Nutrition & Wellness FOREIGN LANGUAGE Two years same language, minimum INDUSTRIAL/TECHNICAL EDUCATION Home Maintenance & Repair Small Engine Repair General Metals Construction Technology Metals Technology Drafting Fundamentals Mechanical Drawing I & II Architectural Drawing CAD I & II Marketing General Woodworking I / II Advanced Woodworking	MATH College Algebra College Trigonometry College Statistics Pre-AP / AP Calculus College Business Calculus OTHER Agriculture Science I / II Animal Science Horticulture Landscaping PHYSICAL EDUCATION Physical Fitness Swimming Outdoor Education ROTC Aerospace I, II, III, IV Drill & Ceremonies	SCIENCE Pre AP / AP Biology Chemistry II or Pre AP / AP Chem Physics I / AP Physics Anatomy & Physiology Applied Bio-Chem Tech Microbiology Environmental Science / AP Env Science Geology Astronomy & Meteorology SOCIAL STUDIES Contemporary Issues Economics PROJECT LEAD THE WAY Principles of Biomedical Science Body Systems Medical Interventions/Biomedical Innovation MUSIC Band/Orchestra/Choir
	Area Career Center available Jr/Sr years	Community College	*College/University	Other
Postsecondary	Career & Technology Center <input type="checkbox"/> CAD Technology <input type="checkbox"/> Construction Trades <input type="checkbox"/> Health Occupations <input type="checkbox"/> Horticulture & Landscape Mgmt. Summit Technology <input type="checkbox"/> Intro to Health Science	<input type="checkbox"/> Agricultural Business <input type="checkbox"/> Agricultural Mechanics <input type="checkbox"/> Biotechnology <input type="checkbox"/> Commercial Turf & Golf Course Management <input type="checkbox"/> Custom Application Technology <input type="checkbox"/> Equine Science <input type="checkbox"/> Farm Management <input type="checkbox"/> Horticulture <input type="checkbox"/> Natural Resources <input type="checkbox"/> Veterinary Technology	<input type="checkbox"/> Agricultural Business Management, Economics, Education, Journalism or Systems Management <input type="checkbox"/> Biochemistry <input type="checkbox"/> Fisheries and Wildlife <input type="checkbox"/> Food Science and Nutrition <input type="checkbox"/> Forestry <input type="checkbox"/> Hotel and Restaurant Management <input type="checkbox"/> Parks, Recreation, and Tourism <input type="checkbox"/> Plant Science <input type="checkbox"/> Soil and Atmospheric Sciences	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
	Work-based Learning Opportunities After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	Relevant High School Intra-Curricular/Co-Curricular Experiences Career and Technical Student Organization: <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> FBLA Other high school activities:		Graduation Exams ___ U.S. Constitution ___ MO Constitution
Career Enhancement Options				