

MONTANA CAREER PATHWAYS

Career and Technical Education



Area of Study: Agriculture Education

	Career	Pathway: Agric	ulture, Food and	Natural Resour	ces	
Get the Facts Students completing a program of study in AFNR will gain skills necessary for analysis of current and historical issues and trends; application of technologies; safety, health and environmental practices; stewardship of natural resources; and exploration of career opportunities. Workforce Trends According to the U.S. Department of Labor, employment one in seven Americans work in the agricultural related jobs.	Cours plann 1800 1800 1830 1800 1800 1800 1800 1800	CAREER AN Recor Recor es listed below provide a st ing. Schools may offer add CLASS AVAILABI Se # Fou 1 Introduction to Ag 2 Agriculture—Con 7 Agriculture—Con 7 Agriculture and S 3 Agriculture and S 3 Agriculture and N 4 Biological Applic 2 Horticultural Scie 1 Animal Productio 1 Agribusiness Man 3 Agricultural Lead 1 Agriculture Mech 4 Natural Resources 2 Agriculture Intree 8 Agriculture, Food Experience (SAE) ation courses taken beyond igh School CTE course(s) reg	ND TECHNICAL EDUC mmended Pathway Course uggested sequence of courses itional courses than those list LITY MAY VARY AT YO undation Courses (required griculture and Natural Resour aprehensive (Ag II) ociety Elective Courses atural Resources Comprehe ations in Agriculture nces n/Science agement ership anics/Equipment/Structures Management preneurship , and Natural Resource–Wo	CATION s s for career and curriculum ted within local Pathways. DUR SCHOOL a) Credit urces (Ag I) .5/1.0 .50/1.0	1.0 credit 1.0 credit 2.0 credits for completion	Careers in Agriculture are: • High Skill; High Wage; In-Demand Career Examples • Agricultural Sales & Services • Agriculture/Food Scientist • Agriculture Inspector • Agriculture Inspector • Brand Inspector • Entrepreneur • Extension Agent • Forest & Conservation Worker • Greenhouse Worker • Livestock Broker • Natural Resource Management • Ranch Hand • Water Treatment Plant Worker According to the Montana Department of Labor and Industry, the median hourly wage for occupations within
State Creduction Dequirement	g		Suggested High S	chool Plan of Study		Business and Finance Operations is \$17.80.
State Graduation Requirements High School Administrative Rules of Montana 10.55.905		9th Grade Suggested	10th Grade Suggested	11th Grade Suggested	12th Grade Suggested	College and Career Beyond High School There are many options for
English/Language Arts	4.0	English 9 1.0	English 10 1.0	English 11 1.0	English 12 1.0	education and training
Mathematics	2.0	Math [*] 1.0	Math [*] 1.0	Math [*] 1.0	Math [*] 1.0	 beyond high school, depending on your career
Social Studies	2.0	Social Studies [*] .50/1.0	Social Studies* .50/1.0	U.S History 1.0	U.S. Government 1.0	goals. • Certificate
ience 2.		Earth Science 1.0	Biology 1.0	Science	Elective*	Associate degree
Health Enhancement	1.0	P.E./Health* .50	P.E./Health [*] .50	P.E./Healt	h Electives*	Bachelor's degreeProfessional degree
Arts	1.0		Arts Cou	Arts Courses [*] 1.0		
Career and Technical Education	1.0	Pathway Foundation Course .50/1.0	Pathway Foundation Course .50/1.0	Pathway Elective Course .50/1.0	Pathway Elective Course .50/1.0	 Apprenticeship Military training
Work-Based Learning	Participation in a Pathway-related work-based learning experience				- For more information on	
Career and Technical Student Organization	National FFA Organization				salary projections, labor	
 *Talk to your school counselor about requirements in the consequence of the second s	which in some cas	• es may earn up to 1.0 credit	Dual enrollment course offerings v. Many Montana post-secondary pro through dual enrollment. Check with	grams accept high school courses to	oward a two- and four-year degree ails.	market demand, and training options, visit <u>lmi.mt.gov.</u>

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