

District: Hanford Joint Union High School District Site: Hanford High



Industry Sector: Agriculture & Natural Resources

Pathway: Agriscience

Student Organization: FFA

California Sample Program of Study

Grade	English Language Arts	Math	Social Studies	Science	Career Technical Education Course	Other Required Courses or Recommended Electives		Sample Occupations relating to this pathway	
9	<i>English 1 (1510)</i>	<i>Int Math 1 (2200)</i>		<i>Int Sci 1 (2530)</i>	Introduction to Agriculture and Natural Resources (5000)	PE 1 (4500)	Introduction to Agriculture and Natural Resources (5000)	Occupations requiring a high school diploma <ul style="list-style-type: none"> ❖ Water Quality Specialist ❖ Agriculture Inspector Industry recognized certifications, licenses, credentials or apprenticeships related to this pathway.	
10	<i>English 2 (1640)</i>	<i>Int Math 2 (2201) or Int Math 2-H (2202)</i>	<i>World History (1050)</i>	<i>Biology & Sustainable Agriculture (6255)</i>	<i>Biology and Sustainable Agriculture (6255)</i>	PE 2 (4510)	<i>Spanish 1 (3000) or ASL 1 (3100) LOTE</i>		
11	<i>English 3 (1670)</i>	<i>Int Math 3 (2205) or Int Math 3-H (2206)</i>	<i>US History (1090) A-G Hist/Soc Sci</i>	<i>Chemistry & Agriscience (6222) A-G Science</i>	<i>Chemistry and Agriscience (6222)</i>	<i>The Art and History of Floral Design (5090) A-G Visual & Performing Art *can take 11 or 12</i>	<i>Spanish 2 (3010) or ASL 2 (3110) LOTE</i>		
12	<i>English 4 (1700)</i>	<i>CLMP (2250) or AP Calculus (2150)</i>	<i>Gov / Econ (1130/1170)</i>	<i>Physics-H (2650)</i>	<i>Advanced Interdisciplinary Science for Sustainable Agriculture (6257)</i>				
2 Year Postsecondary Degree/Certificate Programs					4 Year Postsecondary Program Options				Occupations requiring some post-secondary <ul style="list-style-type: none"> ❖ Livestock Management ❖ Agriculture Technology Occupations requiring a 2 year Degree <ul style="list-style-type: none"> ❖ Research Assistant ❖ Dairy Lab Technician Occupations requiring a BA/BS Degree <ul style="list-style-type: none"> ❖ Agriscience Teacher ❖ Veterinary Medicine ❖ Animal Biologist ❖ Plant Botanist ❖ Agriculture Lawyer ❖ Pest Control Advisor
<u>General Education and Foundational degree courses can be taken prior to transferring to a 4 year Agriscience Degree</u>					Fresno State: <ul style="list-style-type: none"> • Bachelor of Science in Agriculture Education <ul style="list-style-type: none"> ○ Agriculture Communications ○ Agriculture Education 				
Color Key As Follows:									
Other Required Courses (A-G courses italicized)					Required Courses (A-G courses italicized)				
Dual/Concurrent Enrollment - Articulated Courses					Career Technical Education Courses (A-G courses italicized)				
Certificate/Postsecondary Options					Sample Occupations/Certifications				