

Plant Science AST Pathway

Career Pathway: Agriculture & Industrial Technology

Program Description: The Agriculture Science Technology Degree prepares students to work with global positioning satellite (GPS) systems, geographic information system (GIS) software, automatic tractor guidance systems, variable rate chemical input applicators, surveying equipment, and related computer software. Students will learn in hands-on, real-world applications. Completing the certificate qualifies the student to enter the professional job market in the public sector as well as the agriculture industry. Units for the Precision Agriculture Certificate apply to the Associates Science Degree in Agriculture.

Student Name: _____ ID# _____

Counselor: Valerie Walker Advisor: Juana Tapia Faculty: Tim Ellsworth

Full Time 2-Year Plan	Part Time 4-Year Plan	Course ID	Description	Units	To-Do List
Semester 1	Semester 1	STUDEV 001	College Success	3	Meet with your Advisor to begin research on four-year schools. Begin research on careers https://vitanavis.com/westhillscollge , https://www.onetonline.org/ and https://jobspeaker.com/ .
		ENG 001A*	Composition and Reading	3	
		NC 200 (if placement requires)	College Reading and Writing Preparedness	0	
	Semester 2	POLSCI 001	American Government	3	
		CRPSCI 001* or CRPSCI 002*	Introduction to Plant Science	3	
		ART 042 or MUS 042	Art Appreciation or Music Appreciation	3	
				15	
Semester 2	Semester 3	AG 014	Ag Tractors	3	Meet with your Counselor to discuss progress. Meet with your Faculty Mentor to discuss program pathway and career options.
		ENG 003*	Critical Thinking and Writing	3	
	Semester 4	SLSCI 021*	Introduction to Soil Science	4	
		MATH 0025*	Elementary Statistics	4	
		NC 202 (if placement requires)	Intro to Statistics Support	0	
				14	
Semester 3	Semester 5	COM 001* or COM 004*	Elements of Speech or Small Group Dynamics and Presentation	3	Prepare documentation for college application. Apply to four-year schools of choice. Begin search for four-year funding outlets such as scholarships.
		CHEM 002A* or CHEM 001A*	Introductory Chemistry or General Chemistry 001A	4-5	
	Semester 6	Transfer Elective	Finalize with faculty mentor/counselor	2-3	
		GEOG 002	World Regional Geography	3	
		Transfer Elective	Finalize with faculty mentor/counselor	3	
				16	
Semester 4	Semester 7	BIO 010 or BIO 015	Fundamentals of Biology or Biology for Education	3	Petition to graduate for Plant Science AS-T with your Counselor.
		HIST 017A or HIST 017B	History of the US 1492-1877 or History of the US 1865-Present	3	
	Semester 8	GEOG 003	Cultural Geography	3	
		Transfer Elective	Finalize with faculty mentor/counselor	3	
		AGBUS 040* or ECON 001B*	Introduction to Ag Accounting or Microeconomics	3	
				15	
				Total Program Units	60

Important:

- This is only a recommended course sequence. Classes are subject to change based on the transfer university. Please check with your counselor and/or advisor to ensure you are enrolled in the correct classes.
- Summer can be used as an option as well.
- Students are recommended to complete English and Math in their 1st year.
- Completion of this Student Educational Plan does not register you for classes. You must register via Self-Service in your MyWestHills portal.
- You must coordinate your financial aid with the cost of classes above. It is the student's responsibility to ensure the financial aid process is complete in order for financial aid to cover the cost of tuition and fees incurred.
- Students must "Petition to Graduate" with their counselor during their last semester in order to receive their certificate or degree and be eligible to walk in the commencement ceremony.

Transfer Information:

- Students transferring to the University of California (UC) are required to demonstrate competence in a language other than English. This requirement may be demonstrated through one of the following methods: 1) 2 years of the same foreign language in high school with C-grades or higher, 2) completing formal schooling through 6th grade or higher at an institution where the language of instruction is not English or 3) completing SPAN-002 or higher at WHCC with a grade of C or higher. Please consult with your counselor to see which method works best for you!
- Please consult with counselor for minimum transfer grade requirements.
- Fall admissions deadline for California State University (CSU) and University of California (UC) institutions is November 30th! Please check individual deadlines for all other universities.
- Apply to CSU at www.calstate.edu/apply. Apply for UC at admission.university.edu.

Student Signature: _____

Date: _____