

CTE PROGRAM OF STUDY: Associate of Science for Transfer, Agriculture Business

**Industry Sector: Agriculture and Natural Resources
Career Pathway: Agriculture Business**



Levels	Grade	CTE Courses	English Language Arts	Math	Social Science	Science	Other Required Courses or Recommended Electives	Dual and/or Concurrent Enrollment	Articulated Courses (College Credit for HS Classes)	
Secondary	9	Ag I (Ag Earth Science, Ag Science I or Ag Biology) CBEDS 4070	English	Math (Algebra I Recommended)		Physical Science (satisfied by Ag Earth Science)	Physical Education			
	Recommended activities: Participate in FFA Activities, establish an SAE project, keep an updated record book, career exploration activities, participate in a career development events, visit AgCN (ffa.org)									
	10	Ag II (Ag Science II or Ag Biology) CBEDS 4070	English	Math (Geometry Recommended)	World History	Biological Science (satisfied by Ag Biology)	Physical Education			
	Recommended activities: Participate in FFA Activities, maintain SAE project, keep an updated record book, career exploration activities, participate in a career development events, participate in AgCN career exploration activities, explore college majors and campuses									
Secondary	11	Ag Business (Ag Sales, Ag Computers, Ag Marketing, Ag Business) CBEDS 4040	English	Math (Algebra II or Trigonometry Recommended)	US History	Chemistry (Recommended)	Foreign Language I		AG-AB 104: Intro to Ag Bus AG-AB 108: Ag Computer Applications	
	Recommended activities: Participate in FFA Activities, maintain SAE project, keep an updated record book, career exploration activities, participate in a career development events, participate in AgCN career exploration activities, take community college placement exams in Math and English, job shadow and mentoring activities, volunteer in the community									
Secondary	12	Ag Economics (Ag Entrepreneurship, Ag Economics, Work Experience) CBEDS 4040	English (Recommended)	Math (PreCalculus Recommended)	Government(semester) Economics (semester)		Floral Design (may satisfy fine arts graduation requirement)	MATH 155: Precalculus (recommended)		
	Recommended activities: Participate in FFA Activities, maintain SAE project, keep an updated record book, apply for college scholarships and FAFSA, participate in career development events, participate in AgCN activities, take dual or concurrent enrollment community college courses, job shadow and mentoring activities, volunteer in the community									

This template assumes students have completed high school exit exams and basic skills coursework. Local graduation requirements may vary.

Legend:

- ① Course is recommended by industry experts
- # Course is articulated, see comments below.
- ★ Course may be taken via concurrent or dual enrollment
- ② Indicates a course that may satisfy multiple requirements

AS-T Courses	Additional and Optional CTE Courses	General Education Requirements	Occupations Relating to this Pathway
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POST SECONDARY	13	Select one from: AG-PS 128L: Intro to Soil Science CHEM101: Intro to Chemistry CHEM 110: General Chemistry for Science Majors I, with Lab	...For completion of Local AS/AA Degree (total Units)	...For completion of Achievement Certificate (total units)	...For completion of Skills Certificate (total Units)	Area A English Language Communication & Critical Thinking (9 units)	Area B- Scientific Study & Quantitative Reasoning with 1 lab (9 units)	Area C Arts & Humanities (9 units)	Careers requiring a high school diploma or equivalent	Careers requiring a BA / BS degree
		AG-AB124: Agriculture Economics ECON 202: Principles of Macroeconomics				English composition	Mathematics	Arts	Retail Ag Sales Data Entry Bank Teller Ag Entrepreneur/Small Business Owner Office Assistant	Sales Representative Farm Appraiser Loan Officer Marketing Specialist Business Manager USDA Inspector Farm Advisor/Extension Specialist Commodities Broker
	MATH 110: Introduction to Statistics				Oral Communication	Physical Science	Humanities		Careers requiring some post secondary	
	Select one from: AG-AS 104: Intro to Animal Science AG-PS 104: Intro to Plant Science AG-PS 106L: Intro to Plant Science				Critical Thinking	Life Sciences	Arts or Humanities (recommended foreign language)			Careers requiring a BA/BS + (beyond the scope of this template)
14	Select two from: AG-AB 104: Intro to Ag Bus AG-AB 108: Ag Computer Applications AG-AB 128: Ag Accounting AG-AB 112: Ag Sales and Service				Area D Social Sciences (9units)	Area E Lifelong Learning & Self Development (3 units)	When course requirements are counted for credit in more than one area, i.e. double counted, students must complete additional transferrable units to result in a cumulative total of 60 units.			Careers requiring a BA/BS + (beyond the scope of this template)
					US History	Any course in this area to meet requirements (recommended Psychology, Personal Finance, ethics, report writing or any course with a global theme.)				Certified Public Accountant(CPA) Ag Teacher Pest Control Advisor Certified Crop Advisor
15	Suggested Majors: Ag Business, Ag Management, AgriBusiness, AgriBusiness Management, Ag Economics, Business with an emphasis in Agriculture								Careers requiring 2 year degree	For students interested in attending a UC Campus, be aware that requirements meeting the CSU GE pattern <i>may vary</i> from IGETC GE requirements. Students are encouraged to consult college counselor for clarification.
16	Industry recognized certifications, Credentials, licenses, or apprenticeships related to this pathway Local certificates from community college								Farm Supervisor/Herdsman Bookkeeper Office Manager	
Comments: Prerequisite requirements may vary by school and may alter the sequence of courses above. • This template is based upon requirements for CSU transfer pattern and assumes that all basic skills (remedial) coursework is completed. Courses with an emphasis in Business are recommended when they are CSU transferrable. • Where there are course numbers identified, the course number references the CID course. Course content for these courses may be found at www.c-id.net/descriptors. Per Title 5, students may only receive credit for articulated high school work upon completion of a credit by exam mechanism that ensures that the objectives of the community college course have been met. Completion of an articulated course in high school does not guarantee receipt of credit at the community college.										

