



**Career Pathway: Agriculture and Industrial Technology**

Program Description: The Associate in Science in Agriculture Plant Science for Transfer Degree is designed to provide students a seamless transfer to the California State University system. The degree is designed to prepare students for a baccalaureate degree in Plant Science or similar major. This program provides knowledge of the general principles of agricultural production including soil fertility and irrigation management, tractor operation, pest control and planting, growing, harvesting and marketing of crops. This program includes coursework required for entry-level positions and foundational knowledge required for careers as pest control advisors, certified crop advisors, farm managers, irrigation consultants, fertilizer sales, and agricultural research technician.

Course ID	Course Title	Units	To-Do List
<b>Semester 1</b>			
STUDEV-001	College Success	3	1) Meet with your Advisor to confirm path & develop your 1st year Abbreviated Educational Plan. 2) Apply for financial aid and follow-up with financial aid department. 3) Begin research on four-year schools. Find out minimum transfer GPA, course & major requirements. <a href="#">JobSpeaker</a>  <a href="#">O*NET</a>  4) Begin research on careers through Job Speaker or O*NET:
ENG-001A**	Composition and Reading	3	
NC-200**	College Reading and Writing Preparedness	0	
POLSCI-001	American Government	3	
CRPSCI-001* or CRPSCI-002*	Introduction to Plant Science or Plant Science Theory	3	
ART-042 or MUS-042	Art Appreciation or Music Appreciation	3	
<b>Total Semester 1 Units</b>		<b>15</b>	
<b>Semester 2</b>			
AG-014*	Tractor Operations	3	1) Meet with your Counselor to discuss your progress & complete your Comprehensive Educational Plan. 2) Meet with your Faculty Mentor to discuss program pathway, career options, & finalize class options.
ENG-003*	Critical Thinking and Writing	3	
SLSCI-021*	Introduction to Soil Science	4	
MATH-025*	Introduction to Statistics	4	
NC-202**	Introduction to Statistics Support	0	
<b>Total Semester 2 Units</b>		<b>14</b>	
<b>Semester 3</b>			
COM-001* or COM-004*	Elements of Speech or Small Group Dynamics and Presentation	3	1) Prepare documentation for college application & apply to four-year schools of choice by the deadline. 2) Begin seeking four-year funding outlets such as scholarships & aid. 3) Renew financial aid.
CHEM-002A* or CHEM-001A*	Introductory Chemistry or General Chemistry I	4 - 5	
TRANSFER CLASS (3)	Finalized with Faculty Mentor/Counselor	3	
GEOG-002	World Regional Geography	3	
TRANSFER CLASS (3)	Finalized with Faculty Mentor/Counselor	3	
<b>Total Semester 3 Units</b>		<b>16 - 17</b>	
<b>Semester 4</b>			
BIO-010 or BIO-015	Fundamentals of Biology or Biology for Education	3	<b>1) Petition to Graduate to receive your degree &amp; commencement ceremony information.</b>
HIST-017a or HIST-017B	History of the United States 1492-1877 or History of the United States 1865-PRESENT	3	
GEOG-003	Cultural Geography	3	
TRANSFER CLASS (3)	Finalized with Faculty Mentor/Counselor	3	
AGBUS-040* or ECON-001B*	Introductory Agricultural Economics or Microeconomics	3	
<b>Total Semester 4 Units</b>		<b>15</b>	
<b>Total Program Units</b>		<b>60 - 61</b>	

\*A grade of "C" or higher required for ENG, MATH, COM and all major courses.

\*\*If placement requires concurrent enrollment in support course.

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Course ID	Course Title	Units	To-Do List
<b>Semester 1</b>			
STUDEV-001	College Success	3	1) Meet with your Advisor to confirm path & develop your 1st year Abbreviated Educational Plan. 2) Apply for financial aid and follow-up with financial aid department.
ENG-001A**	Composition and Reading	3	
NC-200**	College Reading and Writing Preparedness	0	
<b>Total Semester 1 Units</b>		<b>6</b>	
<b>Semester 2</b>			
POLSCI-001	American Government	3	1) Begin research on four-year schools. Find out minimum transfer GPA, course & major requirements. 2) Begin research on careers using JobSpeaker and O*NET
CRPSCI-001* or CRPSCI-002*	Introduction to Plant Science or Plant Science Theory	3	
ART-042 or MUS-042	Art Appreciation or Music Appreciation	3	
<b>Total Semester 2 Units</b>		<b>9</b>	
<b>Semester 3</b>			
AG-014*	Tractor Operations	3	1) Renew financial aid.
ENG-003*	Critical Thinking and Writing	3	
<b>Total Semester 3 Units</b>		<b>6</b>	
<b>Semester 4</b>			
SLSCI-021*	Introduction to Soil Science	4	1) Meet with your Counselor to discuss your progress & complete your Comprehensive Educational Plan. 2) Meet with your Faculty Mentor to discuss program pathway, career options, & finalize class options.
MATH-025*	Introduction to Statistics	4	
NC-202**	Introduction to Statistics Support	0	
<b>Total Semester 4 Units</b>		<b>8</b>	
<b>Semester 5</b>			
COM-001* or COM-004*	Elements of Speech or Small Group Dynamics and Presentation	3	1) Renew financial aid.
CHEM-002A* or CHEM-001A*	Introductory Chemistry or General Chemistry I	4 - 5	
<b>Total Semester 5 Units</b>		<b>7 - 8</b>	
<b>Semester 6</b>			
TRANSFER CLASS (3)	Finalized with Faculty Mentor/Counselor	3	1) Prepare documentation for college application & apply to four-year schools of choice by the deadline. 2) Begin seeking four-year funding outlets such as scholarships & aid.
GEOG-002	World Regional Geography	3	
TRANSFER CLASS (3)	Finalized with Faculty Mentor/Counselor	3	
<b>Total Semester 6 Units</b>		<b>9</b>	
<b>Semester 7</b>			
BIO-010 or BIO-015	Fundamentals of Biology or Biology for Education	3	1) Renew financial aid.
HIST-017a or HIST-017B	History of the United States 1492-1877 or History of the United States 1865-PRESENT	3	
<b>Total Semester 7 Units</b>		<b>6</b>	
<b>Semester 8</b>			
GEOG-003	Cultural Geography	3	1) <b>Petition to Graduate degree &amp; commencement ceremony information.</b>
TRANSFER CLASS (3)	Finalized with Faculty Mentor/Counselor	3	
AGBUS-040* or ECON-001B*	Introductory Agricultural Economics or Microeconomics	3	
<b>Total Semester 8 Units</b>		<b>9</b>	
<b>Total Program Units</b>		<b>60 - 61</b>	

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