



## AGRICULTURE PLANT SCIENCE – ASSOCIATE IN SCIENCE FOR TRANSFER

### SAMPLE SEQUENCE MAP

The Associate in Science for Transfer (AS-T) is designed to streamline transfer admission to the California State University (CSU) system. If you are considering transfer to a UC, private, out-of-state college, or a specific CSU campus, consult with a counselor regarding the transfer requirements of that institution.

You need to see a Counselor for specific recommendations about courses that will best meet your educational goals. Degree programs require the completion of a General Education pattern. Consult a counselor for help determining which pattern is appropriate for your goals. Not all courses on the map are offered every term. Consult the Catalog and the Schedule of Classes for more details.

**A personalized education plan is necessary to meet the unique goals of each student and transfer institution.**

0 -15 UNITS		Pre- or co-reqs	Credit	IGETC	CSU
Semester 1	Area IA: English Composition: ENGL 122 – First-Year College Composition and Reading	Placement	3	IA	A2
	Physical Science and Biological Science w/o Lab		3-5	5A/B	B2/B3
	Mathematical Concepts: BUS 240 or MATH 142 or MATH 144	See Counselor	3-5	2	B4
	Social and Behavioral Science - ECON 221		3	4	D
	HORT 110 - Introduction to Horticulture and Plant Science		4		
	Total		15		

16 – 30 UNITS		Pre- or co-reqs	Credit	IGETC	CSU
Semester 2	Arts and Humanities		3	3	C1/C2
	Physical Science and Biological Science W/LAB CHEM 108 or CHEM 120	See Counselor	3-5	5A/B/C	B1/B3
	Critical Thinking – English Composition		3	IB	A3
	HORT-111* Plant Propagation and Production: Winter and Spring	HORT 110			
	HORT-120 - Soil Science and Management		3		
	HORT- 121- Soil Science and Management - Lab		1		
	Total		15		

31 – 45 UNITS		Pre- or co-reqs	Credit	IGETC	CSU
Semester 3	Arts and Humanities		3	3	C1/C2
	Social and Behavioral Science		3	4	D
	Oral Communication		3	IC	AI
	Major Applicable Elective	See Counselor			
		Total		15	

46 – 60 UNITS		Pre- or co-reqs	Credit	IGETC	CSU
Semester 4	Arts and Humanities		3	3	C1/C2
	Social and Behavioral Science		3	4	D
	CSU Lifelong Learning Graduation requirement:		3	CSU GR	-
	Major Applicable Elective	See Counselor			
		Total		15	

**Program total: 60**

Students earning this degree must complete 60 CSU-transferable units. Students must also complete either CSU GE or IGETC (including the Area 1C requirement) General Education pattern. Consult with a counselor to see which pattern is best for you and for specific recommendations about courses that best meet your education goals, particularly related to transfer requirements. Not all courses are offered every term. See the Catalog and Schedule of Classes for more details.

This sheet is intended as a tool for students that are exploring and/or testing out their major options. If you know what major you want to focus on, the classes you choose should be in line with your certificate/degree/transfer goals and you should choose your courses in consultation with a counselor.

<b>Recommended First Semester Science and Health</b> "I am interested in understanding the natural world and improving people's health."
<i>Select 1 English Course</i>
<b>Suggested English Courses</b> <ul style="list-style-type: none"> <li>• ENGL 122* - First-Year College Composition and Reading (Support Course ENGL 120)</li> <li style="text-align: center;"><i>or</i></li> <li>• ENGL 122A* - First-Year College English for Multilingual Students (Support Course ENGL 120A)</li> </ul>
<i>Select 1 Math Course</i>
<b>Suggested Math Courses</b> <ul style="list-style-type: none"> <li>• Math 121 - Plane Trigonometry (Support Course MATH 021)</li> <li style="text-align: center;"><i>or</i></li> <li>• Math 142* - Statistics (Support Course MATH 042)</li> <li style="text-align: center;"><i>or</i></li> <li>• Math 191* - Pre-Calculus</li> <li style="text-align: center;"><i>or</i></li> <li>• Math 192* - Analytic Geometry and Calculus I</li> </ul>
<i>Select 1 Meta-Major Course</i>
<b>Life Science</b> <ul style="list-style-type: none"> <li>• BIOSC 102* - Fundamentals of Biological Science With Laboratory</li> <li>• BIOSC 171* - Environmental Science with Laboratory</li> <li>• HORT 110 - Introduction to Horticulture and Plant Science</li> </ul>
<b>Physical Science</b> <ul style="list-style-type: none"> <li>• CHEM 108* - Introductory Chemistry</li> <li>• PHYS 120* - General College Physics I or PHYS 129* - Introductory Physics for Engineers</li> <li>• ENGIN 110 - Introduction to Engineering</li> <li>• GEOG 120* - Physical Geography + GEOG 121* - Physical Geography Laboratory</li> <li>• GEOG 125 - Introduction to Geographic Information Systems (GIS)</li> <li>• GEOL 121* - Earth and Life Through Time + GEOL 124* - Earth and Life Through Time Laboratory</li> <li>• OCEAN 101* - Fundamentals of Oceanography or OCEAN 102* - Fundamentals of Oceanography w/ Lab</li> </ul>
<b>Health and Wellness</b> <ul style="list-style-type: none"> <li>• ADS 170 - Introduction to Codependency and Family Issues</li> <li>• CULN 110 - Orientation to Hospitality</li> <li>• HSCI 124 - Health and Wellness or HSCI 130* - Introduction to Public Health</li> <li>• KINES 210 - Introduction to Kinesiology</li> <li>• NUTRI 160 - Nutrition: Science and Applications</li> </ul> <p><b>*IGETC approved course</b></p>