

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Date: \_\_\_\_\_

Complete the following program of study:

<b>Associate in Science Degree</b>  <b>(R.1070.AS)</b>  <b>Major requirements (32-38 units minimum)</b>  <b>A grade of "C" or better is required in the following courses:</b>		C-ID	units	completed	in progress	planned
<b>Plant and Soil Science Core (17 units)</b>						
AGBS 3 – Agriculture Accounting (Fall)		AG-AB 128	3			
AGBS 4 – Computer Applications in Agriculture		AG-AB 108	3			
PLS 1 – Introduction to Plant Science (Fall)		AG-PS 104 or **AG-PS 106L	3			
PLS 1L – Introduction to Plant Science Laboratory (Fall)		**AG-PS 106L	1			
PLS 2 – Soils (Spring)		**AG-PS 128L	3			
PLS 2L – Soils Laboratory (Spring)		**AG-PS 128L	1			
PLS 11 – Machinery Technology (Spring)		AG-MA 108L	3			
<b>Complete one of the following options:</b>						
<b>Option A – (15 units) This pathway is designed for students primarily interested in acquiring an entry-level position within the plant and soil science industry.</b>						
Select one course from the following:						
AS 1 – Introduction to Animal Science		AG-AS 104	3			
AS 2 – Beef Production (Fall)		*AG-AS 108L				
AS 3 – Small Ruminant Production (Spring)		*AG-AS 124L				
AS 4 – Swine Production (Spring)		*AG-AS 128L				
AS 5 – Animal Nutrition (Spring)		*AG-AS 132L				
Select a minimum of 12 units from the following:						
***EH 43 – Plant Propagation/Production (Spring 2018)		AG-EH 116L	12			
PLS 3 – General Viticulture (Spring)						
***PLS 4A – Tree and Vine Management						
***PLS 5 – Principles of Irrigation Management						
PLS 6 - Pesticides (Fall)						
***PLS 7 – Integrated Pest Management (Fall 2017)						
***PLS 8 – Vegetable Production						
PLS 9 – Biometrics						
PLS 14 – Plant Nutrition (Spring)						
PLS 16 – Wine Sensory Analysis and Evaluation (1)						
PLS 17 – Winery Laboratory Techniques and Equipment Operation						
PLS 18 – Introduction to Enology						
<b>Option B – (20-21 units) This pathway, along with additional transferable general education courses, is designed for students seeking to transfer to a plant and soil science bachelor degree program.</b>						
AGBS 2 – Agricultural Economics		AG-AB 124	3			
CHEM 3A – Introductory General Chemistry		CHEM 101	4			
***PLS 5 – Principles of Irrigation Management			3			
***PLS 7 – Integrated Pest Management (Fall 2017)			3			

Select one course from: CHEM 3B – Introductory Organic and Biological Chemistry (4) (Spring) CHEM 8 – Elementary Organic Chemistry (3) (Spring)		3-4			
Select one course from: STAT 7 – Elementary Statistics MATH 11 – Elementary Statistics	MATH 110 MATH 110	4			

Notes: \* Pending review and approval by C-ID.

\*\*The pair of classes must be completed for C-ID.

\*\*\*These courses are not offered on a regular basis.

- Courses marked (Fall) and (Spring) are usually only offered that semester.
- Two options are available for the Agriculture Plant Science AS Degree. Option A is designed for students interested in employment after completion of the degree. Option B is designed for students interested in transferring to a university to obtain a bachelor's degree.

Faculty Advisor: Dr. Timothy Smith (Reedley)