



**AGRICULTURE  
PLANT SCIENCE  
PLANT AND SOIL SCIENCE  
2016-2017**

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

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

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

Complete the following program of study:

<b>Associate in Science Degree (R.1070.AS) Major requirements (35-38 units minimum) 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>					
AG 1 – Computer Applications in Agriculture	AG AB 108	3			
AG 3 – Agriculture Accounting (Fall)	AG AB 128	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 – (18 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:					
AG 4 – Farm Management (Spring)	*AG AB 112 AG AB 104	3			
AG 5 – Ag Sales and Communications (Fall)					
AG 9 – Introduction to Agriculture Business					
Select one course from the following:					
AS 1 – Introduction to Animal Science	*AG AS 104 *AG AS 108L *AG AS 124L *AG AS 128L *AG AS 132L	3			
AS 2 – Beef Production					
AS 3 – Sheep Production					
AS 4 – Swine Production					
AS 5 – Animal Nutrition					
Select four courses from:					
***EH 43 – Plant Propagation/Production	*AG EH 116L	12			
PLS 3 – General Viticulture (Spring 2016)					
PLS 4A – Tree and Vine Management					
PLS 5 – Principles of Irrigation Management					
PLS 6 - Pesticides					
PLS 7 – Integrated Pest Management					
**PLS 8 – Vegetable Production (Spring)					
**PLS 9 – Biometrics					
PLS 14 – Plant Nutrition					
<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>					
AG 2 – Agricultural Economics	*AG AB 124	3			
PLS 5 – Principles of Irrigation Management (Fall)		3			
PLS 7 – Integrated Pest Management (Fall)		3			
CHEM 3A – Introductory General Chemistry	CHEM 101	4			

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)