



**AGRICULTURE  
PLANT SCIENCE  
PLANT PROTECTION INTERN  
2017-2018**

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

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

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

Complete the following program of study:

<b>Certificate of Achievement</b> <b>(R.1076.CA)</b> <b>Major requirements (21 units minimum)</b>			units	completed	in progress	planned
<b>Crop Health - Select 3 units from the following:</b>						
PLS 2 – Soils (3) (Spring)		**AG-PS 128L	3			
PLS 2L – Soils Laboratory (1) (Spring)		**AG-PS 128L				
PLS 5 – Principles of Irrigation Management (3)						
PLS 14 – Plant Nutrition						
<b>Pest Management Systems and Methods - Select 3 units from the following:</b>						
PLS 6 – Pesticides (3) (Fall)			3			
PLS 7 – Integrated Pest Management (3)						
<b>Physical and Biological Sciences - Select 6 units from the following:</b>						
BIOL 1 – Principles of Biology (4)		BIOL 190	6			
BIOL 2 – Environmental Science (4)		BIOL 140				
BIOL 11A – Biology for Science Majors I (5)		CHEM 110 or				
BIOL 11B – Biology for Science Majors II (5)		**CHEM 120S				
BIOL 31 – Microbiology (5)		**CHEM 120S				
CHEM 1A – General Chemistry (5)		CHEM 101				
CHEM 1B – General Chemistry and Qualitative Analysis (5)						
CHEM 3A – Introductory General Chemistry (4)						
CHEM 3B – Introductory Organic and Biological Chemistry (3) (Spring)						
CHEM 8 – Elementary Organic Chemistry (3) (Spring)						
***CHEM 9 – Elementary Organic Chemistry Laboratory (3)						
CHEM 28A – Organic Chemistry I (3) (Fall)		**CHEM 160S				
CHEM 28B – Organic Chemistry II (3) (Spring)		**CHEM 160S				
CHEM 29A – Organic Chemistry Laboratory I (2) (Fall)		**CHEM 160S				
CHEM 29B – Organic Chemistry Laboratory II (2) (Spring)		**CHEM 160S				
NR 4 – Forest Ecosystems (3)						
NR 6 – Dendrology (3)						
NR 7 – Conservation of Natural Resources (3)						
NR 12 – Watershed Ecology (3) (Spring)						
NR 14 – Principles of Wildlife Management (3) (Spring)						
NR 34 – Conservation Laboratory (1)						
PLS 1 – Introduction to Plant Science (3) (Fall)		AG-PS 104 or				
		**AG-PS 106L				
PLS 1L – Introduction to Plant Science Laboratory (1) (Fall)		**AG-PS 106L				
SCI 1A – Introductory Chemical and Physical Science (4) (Fall)		CHEM 140 or PHYS 140				
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<b>Production Systems - Select 6 units from the following:</b>								
AS 1 – Introduction to Animal Science (3)		AG-AS 104	6					
AS 2 – Beef Production (3)	(Fall)	*AG-AS 108L						
AS 3 – Small Ruminant Production (3)	(Spring)	*AG-AS 124L						
AS 4 – Swine Production (3)	(Spring)	*AG-AS 128L						
AS 5 – Animal Nutrition (3)	(Spring)	*AG-AS 132L						
AS 21 – Equine Science (3)								
***EH 30 – Principles of Environmental Horticulture (3)								
EH 43 – Plant Propagation/Production (3)								
NR 1 – Introduction to Forestry (3)								
NR 11 – Silviculture (3)								
NR 20 – Forest Measurements (3)	(Fall)							
NR 21 – Forest Products (3)	(Fall)							
NR 25 – Forest and Resource Management (1)	(Spring)							
NR 108 – Introduction to Forestry Field Studies (.5)								
PLS 1 – Introduction to Plant Science (3)		AG-PS 104 or						
PLS 1L – Introduction to Plant Science Laboratory (1)		**AG-PS 106L						
PLS 3 – General Viticulture (3)								
PLS 4A – Tree and Vine Management (3)								
***PLS 8 – Vegetable Production (3)								
<b>Electives</b>								
Select 3 additional units from courses listed above.			3					

Notes: \* Pending review and approval by C-ID.  
 \*\* The pair or set of courses 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.

Faculty Advisor: Dr. Timothy Smith (Reedley)