



**AGRICULTURE  
PLANT SCIENCE  
PEST CONTROL ADVISOR  
2014-2015**

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

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

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

Complete the following program of study:

<b>Certificate of Achievement</b> <b>(R.1075.CA)</b> <b>Major requirements (42 units minimum)</b>	C-ID	units	completed	in progress	planned
<b>Crop Health</b>					
Select 9 units from the following: (units in parenthesis)					
NR 4 – Forest Ecosystems (3)					
NR 12 – Watershed Ecology (3) (Spring)					
NR 14 – Principles of Wildlife Management (3) (Spring)					
PLS 2 – Soils (3) (Spring)	*/**AG PS 128L	9			
PLS 2L – Soils Laboratory (1) (Spring)	*/**AG PS 128L				
PLS 5 – Principles of Irrigation Management (3) (Fall 2014)					
PLS 14 – Plant Nutrition (3) (Spring 2016)					
<b>Pest Management Systems and Methods</b>					
Select 6 units from the following: (units in parenthesis)					
PLS 6 – Pesticides (3) (Fall)		6			
PLS 7 – Integrated Pest Management (3) (Fall 2015)					
**PLS 10 – Environmental Agriculture (3)					
<b>Production Systems</b>					
Select 6 units from the following: (units in parenthesis)					
AS 2 – Beef Production (3) (Fall 2014)	*/**AG AS 108L				
AS 3 – Sheep Production (3) (Spring 2016)	*/**AG AS 124L				
AS 4 – Swine Production (3) (Spring 2015)	*/**AG AS 128L				
AS 6 – Livestock Selection and Evaluation (3) (Fall)	*/**AG EH 116L	6			
**EH 43 – Plant Propagation/Production (3)					
NR 1 – Introduction to Forestry (3)					
NR 11 – Silviculture (3) (Fall)					
NR 21 – Forest Products (3) (Fall)					
NR 25 – Forest and Resource Management (1) (Spring)					
NR 30 – Forest Recreation (3) (Fall)					
PLS 3 – General Viticulture (3) (Spring 2016)					
PLS 4A – Tree and Vine Management (3) (Spring 2015)					
**PLS 8 – Vegetable Production (3)					

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Physical and Biological Sciences			
Select 12 units from the following:	(units in parenthesis)		
AS 1 – General Livestock Production (3)		***AG AS 104	
AS 5 – Animal Nutrition (3)	(Spring)	***AG AS 132L	
BIOL 1 – Principles of Biology (4)			
BIOL 2 – Environmental Science (4)			
BIOL 3 – Introduction to Life Science (4)			
BIOL 5 – Human Biology (4)			
BIOL 20 – Human Anatomy (4)		*/***BIOL 120S	
BIOL 22 – Human Physiology (5)		*/***BIOL 120S	
BIOL 31 – Microbiology (5)		BIOL 120B	
CHEM 1A – General Chemistry (5)		*/***CHEM 120S or	
		***CHEM 110	
CHEM 1B – General Chemistry and Qualitative Analysis (5)		*/***CHEM 120S	
CHEM 3A – Introductory General Chemistry (4)		***CHEM 101	
CHEM 3B – Introductory Organic and Biological Chemistry (3) (Spring)		***CHEM 102	
CHEM 8 – Elementary Organic Chemistry (3)			
CHEM 9 – Elementary Organic Chemistry Laboratory (3)			
CHEM 10 – Elementary Chemistry (4)			
CHEM 28A – Organic Chemistry I (3)	(Fall)	*/***CHEM 160S	12
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	
*EH 30 – Principles of Environmental Horticulture (3)			
GEOL 1 – Physical Geology (4)			
GEOL 2 – Historical Geology (3)			
GEOL 9 – Introduction to Earth Science (3)	(Spring)		
		*** GEOL 120 and	
		***GEOL 120L or	
		***GEOL 121	
**GEOL 10 – Rocks, Fossils, and Minerals (3)			
NR 6 – Dendrology (3)	(Spring)		
NR 7 – Conservation of Natural Resources (3)			
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)	***PHYS 140	
Electives			
Select 9 additional units from Crop Health, Pest Management Systems and Methods, and Physical and Biological Sciences listed above.			9
Course: _____			
Course: _____			
Course: _____			

Notes: \* The pair or set of courses with the same C-ID number must be completed.

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

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

Courses marked (Fall) and (Spring) are usually only offered that semester.

Faculty Advisor: Dr. Timothy Smith (Reedley)