



**AGRICULTURE  
PLANT SCIENCE  
PEST CONTROL ADVISOR  
2012-2013**

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

SSN/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>	units	completed	in progress	planned
<b>Crop Health</b>				
Select 9 units from the following: (units in parenthesis)	9			
NR 4 – Forest Ecosystems (3)				
NR 12 – Watershed Ecology (3) (Spring)				
NR 14 – Principles of Wildlife Management (3) (Spring)				
PLS 2 – Soils (3) (Spring)				
PLS 2L – Soils Laboratory (1) (Spring)				
PLS 5 – Principles of Irrigation Management (3) (Fall 2014)				
PLS 14 – Plant Nutrition (3) (Spring 2014)				
<b>Pest Management Systems and Methods</b>				
Select 6 units from the following: (units in parenthesis)	6			
PLS 6 – Pesticides (3) (Fall 2013)				
PLS 7 – Integrated Pest Management (3) (Fall 2012, Fall 2013)				
*PLS 10 – Environmental Agriculture (3)				
<b>Production Systems</b>				
Select 6 units from the following: (units in parenthesis)	6			
AS 2 – Beef Production (3)				
AS 3 – Sheep Production (3)				
AS 4 – Swine Production (3)				
AS 6 – Livestock Selection and Evaluation (3)				
*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 2014)				
PLS 4A – Tree and Vine Management (3) (Spring 2013)				
*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)				
AS 5 – Animal Nutrition (3)	(Spring)			
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 22 – Human Physiology (5)				
BIOL 31 – Microbiology (5)				
CHEM 1A – General Chemistry (5)				
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)				
CHEM 9 – Elementary Organic Chemistry Laboratory (3)		12		
CHEM 10 – Elementary Chemistry (4)				
CHEM 28A – Organic Chemistry I (3)	(Fall)			
CHEM 28B – Organic Chemistry II (3)	(Spring)			
CHEM 29A – Organic Chemistry Laboratory I (2)	(Fall)			
CHEM 29B – Organic Chemistry Laboratory II (2)	(Spring)			
*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 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)			
PLS 1L – Introduction to Plant Science Laboratory (1)	(Fall)			
SCI 1A – Introductory Chemical and Physical Science (4)	(Fall)			
Electives				
Select 9 additional units from Crop Health, Pest Management Systems and Methods, and Physical and Biological Sciences listed above.				
Course: _____		9		
Course: _____				
Course: _____				

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

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

Faculty Advisor: Dr. Timothy Smith (Reedley)