

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> <b>A grade of "C" or better is required in the following courses:</b>	C-ID	units	completed	in progress	planned
<b>Crop Health – Select 9 units from the following:</b>					
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)					
PLS 14 – Plant Nutrition (3) (Spring)					
<b>Pest Management Systems and Methods – Select 6 units from the following:</b>					
PLS 6 – Pesticides (3) (Fall)		6			
PLS 7 – Integrated Pest Management (3) (Fall 2017)					
<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)	*AG-AS 108L				
AS 3 – Small Ruminant Production (3) (Spring)	*AG-AS 124L				
AS 4 – Swine Production (3)	*AG-AS 128L				
AS 5 – Animal Nutrition (3)	*AG-AS 132L				
AS 21 – Equine Science (3)	*AG-AS 116L				
EH 30 – Principles of Environmental Horticulture (3) (Fall 2017)					
EH 43 – Plant Propagation/Production (3)					
NR 1 – Introduction to Forestry (3)					
NR 11 – Silviculture (3) (Fall)					
NR 20 – Forest Measurements (3)					
NR 21 – Forest Products (3) (Fall)					
NR 25 – Forest and Resource Management (1) (Spring)					
NR 108 – Introduction to Forestry Field Studies (.5)					
PLS1 Introduction to Plant Science (3)					
PLS1L Introduction to Plant Science Laboratory (1)					
PLS 3 – General Viticulture (3) (Spring)					
***PLS 4A – Tree and Vine Management (3)					
***PLS 8 – Vegetable Production (3)					
<b>Physical and Biological Sciences – Select 12 units from the following:</b>					
BIOL 1 – Principles of Biology (4)	BIOL 190	12			
BIOL 2 – Environmental Science (4)	BIOL 140				
BIOL 11A – Biology for Science Majors I (5)					
BIOL 11B – Biology for Science Majors II (5)					
BIOL 31 – Microbiology (5)					
CHEM 1A – General Chemistry (5)	**CHEM 120S or CHEM 110				
	**CHEM 120S				
CHEM 1B – General Chemistry and Qualitative Analysis (5)					

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CHEM 3A – Introductory General Chemistry (4)		CHEM 101			
CHEM 3B – Introductory Organic and Biological Chemistry (4) (Spring)					
CHEM 8 – Elementary Organic Chemistry (3)					
CHEM 9 – Elementary Organic Chemistry Laboratory (3)					
CHEM 10 – Elementary Chemistry (4)		CHEM 101			
CHEM 28A – Organic Chemistry I (3) (Fall)	(Fall)	**CHEM 160S			
CHEM 28B – Organic Chemistry II (3) (Spring)	(Spring)	**CHEM 160S			
CHEM 29A – Organic Chemistry Laboratory I (2) (Fall)	(Fall)	**CHEM 160S			
CHEM 29B – Organic Chemistry Laboratory II (2) (Spring)	(Spring)	**CHEM 160S			
NR 4 – Forest Ecosystems (3)					
NR 6 – Dendrology (3) (Spring)	(Spring)				
NR 7 – Conservation of Natural Resources (3)					
NR 12 – Watershed Ecology (3)					
NR 14 – Principles of Wildlife Management (3) (Spring)	(Spring)				
NR 34 – Conservation Laboratory (1)					
SCI 1A – Introductory Chemical and Physical Science (4) (Fall)	(Fall)	PHYS 140 or CHEM 140			
<b>Electives</b>					
Select 9 additional units from Crop Health, Pest Management Systems and Methods, and Production Systems listed above.			9		

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

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

\*\*\* 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)