

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

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

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

Complete the following program of study:

<b>Certificate of Achievement</b>			units	completed	in progress	planned
<b>(R.1076.CA)</b>						
<b>Major requirements (21 units minimum)</b>						
<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						
***EH 43 – Plant Propagation/Production (3)		*AG EH 116L				
<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)						
***PLS 11 – Machinery Technology (3)						
<b>Physical and Biological Sciences - Select 6 units from the following:</b>						
ANTHRO 1 – Biological Anthropology (3)		*ANTH 110	6			
ASTRO 10 – Introduction to Astronomy (4)						
BIOL 1 – Principles of Biology (4)						
BIOL 2 – Environmental Science (4)						
BIOL 5 – Human Biology (4)						
BIOL 11A – Biology for Science Majors I (5)		BIOL 190				
BIOL 11B – Biology for Science Majors II (5)		BIOL 140				
BIOL 20 – Human Anatomy (4)		*BIO 110B				
BIOL 22 – Human Physiology (5)		*BIO 120B				
BIOL 31 – Microbiology (5)						
CHEM 1A – General Chemistry (5)		CHEM 110 or				
CHEM 1B – General Chemistry and Qualitative Analysis (5)		**CHEM 120S				
CHEM 3A – Introductory General Chemistry (4)		**CHEM 120S				
CHEM 3B – Introductory Organic and Biological Chemistry (3)	(Spring)	CHEM 101				
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				
GEOG 5 – Physical Geography: Environmental Conditions (3)						
GEOG 9 – Physical Geography: Land Formation (3)						
GEOL 1 – Physical Geology (4)						
GEOL 2 – Historical Geology (3)						
GEOL 9 – Introduction to Earth Science (3)	(Spring)	*GEOL 121				
***GEOL 10 – Rocks, Fossils, and Minerals (3)	(Spring)					

<b>Physical and Biological Sciences (continued)</b>					
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)					
NR 109 – Forestry Field Studies I (.5)					
NR 110 – Forestry Field Studies II (.5)					
PHYS 2A – General Physics I (4)					
PHYS 2B – General Physics II (4)					
PHYS 4A – Physics for Scientists and Engineers (4)					
PHYS 4B – Physics for Scientists and Engineers (4)					
PHYS 4C – Physics for Scientists and Engineers (4)					
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			
<b>Production Systems - Select 6 units from the following:</b>					
AS 1 – Introduction to Animal Science (3)		*AG AS 104			
AS 2 – Beef Production (3)	(Fall)	*AG AS 108L			
AS 3 – Sheep Production (3)		*AG AS 124L			
AS 4 – Swine Production (3)	(Spring)	*AG AS 128L			
AS 5 – Animal Nutrition (3)	(Spring)	*AG AS 132L			
AS 6 – Livestock Selection and Evaluation (3)	(Fall)				
AS 10 – Meat Evaluation and Processing (3)					
AS 21 – Equine Science (3)					
***EH 30 – Principles of Environmental Horticulture (3)			6		
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 3 – General Viticulture (3)					
PLS 4A – Tree and Vine Management (3)					
***PLS 8 – Vegetable Production (3)					
<b>Electives</b>					
Select 3 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)