

Name: _____
 ID: _____
 Date: _____

Complete the following program of study:

Certificate of Achievement (R.1075.CA) Major requirements (42 units minimum) A grade of "C" or better is required in the following courses:	C-ID	units	completed	in progress	planned
Crop Health – Select 9 units from the following:					
PLS 2 – Soils (3) (Spring) PLS 2L – Soils Laboratory (1) (Spring) PLS 5 – Principles of Irrigation Management (3) PLS 14 – Plant Nutrition (3) (Spring 2016) ***EH 43 – Plant Propagation/Production (3)	**AG PS 128L **AG PS 128L *AG EH 116L	9			
Pest Management Systems and Methods – Select 6 units from the following:					
PLS 6 – Pesticides (3) (Fall) PLS 7 – Integrated Pest Management (3) ***PLS 11 – Machinery Technology (3)	AG MA 108L	6			
Production Systems – Select 6 units from the following:					
AS 1 – Introduction to Animal Science (3) AS 2 – Beef Production (3) AS 3 – Sheep Production (3) (Spring 2016) AS 4 – Swine Production (3) AS 5 – Animal Nutrition (3) 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) ** 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) PLS 3 – General Viticulture (3) (Spring 2016) PLS 4A – Tree and Vine Management (3) **PLS 8 – Vegetable Production (3)	AG AS 104 *AG AS 108L *AG AS 124L *AG AS 128L *AG AS 132L *AG AS 116L	6			
Physical and Biological Sciences – Select 12 units from the following:					
ANTHRO 1 – Biological Anthropology (3) 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 11B – Biology for Science Majors II (5) BIOL 20 – Human Anatomy (4) (List continues on next page)	*ANTH 110 BIOL 190 BIOL 140 BIOL 110B	12			

(Continued from previous page) 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) 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) 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 (4) (Spring) **GEOL 10 – Rocks, Fossils, and Minerals (3) NR 4 – Forest Ecosystems (3) NR 6 – Dendrology (3) (Spring) 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) PLS 1L – Introduction to Plant Science Laboratory (1) (Fall) SCI 1A – Introductory Chemical and Physical Science (4) (Fall)	BIOL 120B **CHEM 120S or CHEM 110 **CHEM 120S CHEM 101 **CHEM 160S **CHEM 160S **CHEM 160S **CHEM 160S ***GEOL 121 PHYS 105 PHYS 110 PHYS 205 PHYS 210 PHYS 215 *AG PS 104 or **AG PS 106L **AG PS 106L PHYS 140 or CHEM 140					
Electives						
Select 9 additional units from: Crop Health, Pest Management Systems and Methods, and Production Systems.				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)