

## PROGRAM OF STUDY

### Plant & Soil Science: Plant Protection Associate in Science Degree

The Plant Protection Program prepares students for a career as a pest control advisor. Coursework is aligned with the California Department of Pesticide Regulation PCA license requirements.

<b>Crop Health: Select 9 units from the following courses:</b>		<b>Units</b>
NR4	FOREST ECOSYSTEMS	3
NR12	WATERSHED ECOLOGY	3
NR14	PRINCIPLES OF WILDLIFE MANAGEMENT	3
PLS2	SOILS	3
PLS2L	SOILS LABORATORY	1
PLS5	PRINCIPLES OF IRRIGATION MANAGEMENT	3
PLS14	PLANT NUTRITION	3

<b>Pest Management Systems and Methods: Select 6 units from the following courses:</b>		<b>Units</b>
PLS6	Pesticides	3
PLS7	INTEGRATED PEST MANAGEMENT	3
PLS10	ENVIRONMENTAL AGRICULTURE	3

<b>Physical and Biological Sciences: Select 12 units from the following courses:</b>		<b>Units</b>
AS1	GENERAL LIVESTOCK PRODUCTION	3
AS5	ANIMAL NUTRITION	3
BIOL1	PRINCIPLES OF BIOLOGY	4
BIOL2	ENVIRONMENTAL SCIENCE	4
BIOL3	INTRODUCTION TO LIFE SCIENCE	4
BIOL5	HUMAN BIOLOGY	4
BIOL22	HUMAN PHYSIOLOGY	5
BIOL20	HUMAN ANATOMY	4
BIOL31	MICROBIOLOGY	5
CHEM1A	GENERAL CHEMISTRY	5
CHEM1B	GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS	5
CHEM3A	INTRODUCTORY GENERAL CHEMISTRY	4
CHEM3B	INTRODUCTORY ORGANIC AND BIOLOGICAL CHEMISTRY	3
CHEM8	ELEMENTARY ORGANIC CHEMISTRY	3
CHEM9	ELEMENTARY ORGANIC CHEMISTRY LABORATORY	3
CHEM10	ELEMENTARY CHEMISTRY	4
CHEM28A	ORGANIC CHEMISTRY I	3
CHEM28B	ORGANIC CHEMISTRY II	3
CHEM29A	ORGANIC CHEMISTRY LABORATORY I	2
CHEM29B	ORGANIC CHEMISTRY LABORATORY II	2
EH30	PRINCIPLES OF ENVIRONMENTAL HORTICULTURE	3
GEOL1	PHYSICAL GEOLOGY	4
GEOL2	Historical Geology	3
GEOL9	Introduction to Earth Science	3
GEOL10	Rocks, Fossils, and Minerals	3
NR6	DENDROLOGY	3
NR7	CONSERVATION OF NATURAL RESOURCES	3
PLS1	INTRODUCTION TO PLANT SCIENCE	3
PLS1L	INTRODUCTION TO PLANT SCIENCE LABORATORY	1
SCI1A	INTRODUCTORY CHEMICAL AND PHYSICAL SCIENCE	4

<b>Production Systems: Select 6 units from the following courses:</b>		<b>Units</b>
AS2	BEEF PRODUCTION	3
AS3	SHEEP PRODUCTION	3
AS4	SWINE PRODUCTION	3
AS6	LIVESTOCK SELECTION AND EVALUATION	3
EH43	PLANT PROPAGATION/PRODUCTION	3
NR1	INTRODUCTION TO FORESTRY	3
NR11	SILVICULTURE	3
NR21	FOREST PRODUCTS	3
NR25	FOREST AND RESOURCE MANAGEMENT	1
NR30	FOREST RECREATION	3
PLS3	GENERAL VITICULTURE	3
PLS4A	TREE AND VINE MANAGEMENT	3
PLS8	VEGETABLE PRODUCTION	3

**Electives: Select 9 units from Crop Health, Pest Management and Methods, Physical and Biological Sciences, and Production Systems.** **Units**

**Reedley College General Education - 19 units** **Units**  
19

**Reedley College Competency/Graduation Requirements** **Units**

**Degree Requirements (Competencies) - 22.5-26 units** **Units**  
22.5 - 26

**Courses used to fulfill General Education, Competencies/Graduation requirements may also be used to fulfill specific course and unit requirements of individual majors.** **Units**

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**Total Units** **83.5 - 87**

Effective Term: Fall 2012

PID 230