

# ANIMAL SCIENCE SPECIALIST CERTIFICATE OF ACHIEVEMENT

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**State Control Number:** 38849

**Program Code:** AGNR.ASS.CA

**Program Length:** 10 months

**Approved for Federal Financial Aid:** Yes

Prepares student for employment in the animal science and production industry. Careers include: Agribusiness Managers, Nutritionists, Agriculture and Conservation Extension Officers, Agricultural Food Inspectors, Farm and Ranch Managers, Animal Trainers, Veterinary Assistants, Pharmaceutical and Feed Representatives, Park and Wildlife Managers and Agriculture and Natural Resource Educators.

Animal production is being asked to be sustainable-more economically, environmentally and socially responsible. This focus on sustainability is intensified by public concerns about "factory farming", food safety, antibiotic use and animal cruelty. This curriculum focuses on giving students a basic understanding of animal anatomy and physiology, animal production systems and health issues in animals. Competencies taught include Animal Science, Animal Nutrition, Animal Health, Veterinary Science, Soil Science, Plant Science and sustainable agricultural practices. A new breed of managers and technicians must adapt to these changes and have the skills to apply these new practices and technologies.

Code	Title	Units
<b>Required Courses</b>		
AGNR 100	General Animal Science	3.0
AGNR 101L	Livestock Feeding and Nutrition	3.0
AGNR 102	Equine Science	4.0
AGNR 107	Livestock Selection and Evaluation	3.0
AGNR 106	Veterinary Terminology and Technology	3.0
<b>Total Units</b>		<b>16</b>