

Livestock Production

Core Knowledge Areas and Knowledge Requirements for Professional Practice in the Practice Area.

To qualify for the *Livestock Production* practice area, a minimum five of eight Core Knowledge Areas (CKAs) must be met (AIA CC Policy #21-001). Each knowledge requirement must consist of at least 3-credit equivalent of learning. A regulated member's scope of practice is restricted to those CKAs for which the member qualifies.

Core Knowledge Area	Required Subject Matter Areas (Knowledge Requirements)
<i>Animal Husbandry</i>	<ul style="list-style-type: none"> • Introductory Animal Science • Species-Specific Production (i.e. poultry production, beef production etc.)* • Animal Health and Welfare
<i>Nutrition</i>	<ul style="list-style-type: none"> • Introductory Animal Nutrition • Introductory Animal Physiology and Anatomy • Feeds and Feeding
<i>Breeding</i>	<ul style="list-style-type: none"> • Introductory Genetics • Advanced Genetics/Genomics • Reproductive Physiology • Introductory Animal Nutrition
<i>Disease and Pathology</i>	<ul style="list-style-type: none"> • Animal Diseases • Animal Health and Welfare
<i>Infrastructure</i>	<ul style="list-style-type: none"> • Animal Health and Welfare • Animal Housing
<i>Environment</i>	<ul style="list-style-type: none"> • Environmental Science • Introductory Soils • Introductory Hydrology
<i>Economics</i>	<ul style="list-style-type: none"> • Introductory Agricultural Economics • Animal and Animal Products Marketing • Micro and Macro Economics
<i>Research and Development</i>	<ul style="list-style-type: none"> • Statistics • Experimental Design
<p>* "Species-specific production" knowledge must be for the animal species that is the focus of the member's professional practice.</p>	