

Wolaita sodo University

College of Agriculture Graduate profile Proto-type

Department of Animal Sciences

S. No	Department	Degree nomenclature	Expected Competences from Graduates		Where they are going to be hired
	Animal and Range Sciences	<i>Bachelor of Science in Animal and Range Sciences</i>	<p>Practical Skill</p> <ul style="list-style-type: none"> ➔ Design, develop and implement modern livestock production strategies with integration approaches ➔ Design, develop and implement livestock breeding strategies and tools (embryo transfer, cloning, synchronization etc...) ➔ Design, develop and implement livestock feed resource management, conservation, formulation and processing strategies ➔ Design, develop and implement livestock management (housing, feeding, health care) strategies ➔ Design, develop and implement livestock feed resources shortage coping strategies ➔ Design, develop and implement methods of climate smart livestock production strategies ➔ Design, develop and implement problem oriented research in livestock sector ➔ Design, develop and innovate/adopt new technologies in livestock sector ➔ Design, develop and implement range rehabilitation and improvement strategies 	<p>Soft Skill</p> <p>Explain the importance of animal production for socio-economic development</p> <ul style="list-style-type: none"> ✓ Explain the role of livestock production in providing food and by-products for income generation ✓ Active methods of animal raising, feeding and monitoring of pasture land ✓ Initiate and run own private farm that can play great role as self employment ✓ A analyze problems associated to animal production, range land development & management ✓ Perform preliminary survey and disseminate the finding in the sector <p>Provide professional support to governmental and nongovernmental organizations for the development of the sector.</p> <ul style="list-style-type: none"> • Integrate livestock production with other farming enterprises • Create marketing ways of livestock and livestock products <ul style="list-style-type: none"> ✓ Setting and analyzing strategies for developing plan for livestock sector improvement (breeding, technology innovation and adoption, modernization and commercialization of livestock sector) 	<ul style="list-style-type: none"> ➔ Research center -In area of animal nutrition, animal production, breeding and genetic improvement section/ range improvement and rehabilitation section ➔ Universities ➔ Feed processing factories ➔ Different NGOs working in the area of livestock production, animal nutrition and feed improvement ➔ Government organization sector offices -livestock and fishery office -rural livelihood and job creation -Food security office -Municipalities -Urban agriculture office -Cooperative unions and marketing office ➔ Different factories like meat, dairy processing and tanneries ➔ Different private and state livestock farms ➔ Livestock production, marketing, processing and export consultancies Enterprises ➔ Youth and women empowerment office ➔ Micro enterprises in livestock sector (dairy, poultry, beef, apiculture etc and their integration)

