

Livestock and Climate Change Professor

Department of Agronomy Engineering

Zamorano University

www.zamorano.edu

Roles and Responsibilities

- Teach and contribute to courses in livestock production, climate change, and related fields, with an interdisciplinary approach that integrates animal production, sustainability, and climate resilience.
- Design, plan, and deliver class sessions aligned with program goals, using active, inclusive, and student-centered teaching methods.
- Support *learning-by-doing* modules through activities in areas such as animal nutrition, emissions measurement, and sustainable livestock practices.
- Develop and lead applied research projects in sustainable livestock production, with a focus on animal nutrition and greenhouse gas (GHG) emission measurement and mitigation.

Minimum Qualifications

- M.Sc. in Animal Science, Animal Production, or a closely related field.
- At least five (5) years of relevant professional experience.

Preferred Expertise

- Proven experience managing laboratories related to animal nutrition and climate change monitoring.
- Strong background in research methodologies and modeling for livestock emission mitigation.
- Comprehensive knowledge of climate-smart livestock systems, emphasizing productivity, resilience, and emissions reduction.
- Experience in developing and transferring technologies for the livestock sector, including digital tools and Industry 4.0 innovations.
- Teaching experience, including curriculum development, creation of instructional materials, and assessment design.
- Familiarity with student-centered learning approaches.
- Experience preparing, managing, and monitoring research or extension budgets and proposals.
- Demonstrated ability to lead teams and work collaboratively in multidisciplinary environments.
- Proficiency with digital tools, particularly Microsoft Office and academic management platforms.
- Advanced English proficiency: able to understand virtually everything heard or read with ease, communicate fluently and spontaneously, and convey nuanced meaning in complex situations.

Core Competencies

- Leadership and commitment
- Quality orientation
- Innovation
- Integrity
- Service-oriented mindset
- Strong communication skills
- Teamwork and collaboration
- Project management
- Strategic planning
- Mentoring and coaching
- Pedagogical management
- Research skills

Application Process

Interested candidates should submit a cover letter, an updated resume (Word or PDF format) and contact details (phone number and email) for at least three (3) professional references.

Documents should be directed to the Office of Human Resources at

talentohumano@zamorano.edu

Reference line: **Livestock and Climate Change Professor**

Application deadline: **September 20, 2025**

Non-Discrimination Policy

Zamorano University is an equal opportunity employer. We do not discriminate based on ethnicity, race, religion, gender, or nationality in any aspect of our educational policies, admissions, financial aid, extracurricular programs, employment, or related practices.