



UNIVERSITY OF SASKATCHEWAN

College of Agriculture  
and Bioresources

DEPARTMENT OF ANIMAL AND POULTRY SCIENCE  
AGBIO.USASK.CA

## MSc in SWINE NUTRITION (Precision Feeding)

The Prairie Swine Centre is seeking passionate, bright, and highly motivated individuals interested in a fully-funded position as an MSc graduate student in the disciplines of swine nutrition – precision feeding. The successful candidate will join a strong, multidisciplinary academic and research team with expertise in non-ruminant nutrition, feed processing, management, welfare, metabolism, and physiology. The selected candidate will be enrolled in the Department of Animal and Poultry Science and will receive their degree from the University of Saskatchewan. The anticipated **start date is January 2026**.

The successful candidate will lead and assist with projects involving both classical swine nutrition (e.g., growth performance, nutrient utilization) and advanced (e.g., immune status, nutrient modelling) techniques. The current nutrition research program is focused on the impact of early-life nutrition on growth, the impact of nutrition on health, and factors affecting nutrient requirements and utilization. The successful candidate's research program will focus on:

### *Application of precision feeding techniques using blend-feeding technology*

#### **Qualifications:**

- Candidates must possess the desire and capability to lead research projects and to collaborate effectively within a team of highly motivated individuals.
- Applicants must meet the graduate student admission requirements set by the University of Saskatchewan's College of Graduate and Postdoctoral Studies. It is the candidate's responsibility to ensure eligibility prior to applying.
- A vehicle and a valid driver's license are necessary for the position. Candidates must have completed, or be in the process of completing, a Bachelor of Science in animal science, animal physiology, nutrition, veterinary science, or a related field. Experience working with livestock, especially swine, as well as knowledge of nutrition, nutrient utilization, and feed formulation, is considered advantageous.

Information on graduate studies in the Department of Animal and Poultry Science, including stipend levels, can be found at <https://agbio.usask.ca/students/graduate/graduate-handbooks-reference-documents.php>

Prairie Swine Centre ([www.prairieswine.com](http://www.prairieswine.com)) is a non-profit swine production research corporation affiliated with the University of Saskatchewan and located 10 km southeast of Saskatoon, Saskatchewan. It offers nationally and internationally recognized research programs in nutrition,

ethology, and engineering with knowledge transfer and education directed towards the efficiency and sustainability of pork production.

The University of Saskatchewan ([www.usask.ca](http://www.usask.ca)) is located in Saskatoon, a city with a diverse and thriving economic base, a vibrant arts community and a full range of leisure opportunities. The Department of Animal and Poultry Science is well-recognized nationally and internationally as a research-intensive department. The department's highly trained and enthusiastic faculty members and adjunct professors have extensive, high-quality applied and basic research programs that cover a wide range of topics in animal science and related areas.

The Prairie Swine Centre and University of Saskatchewan believe that equity, diversity, and inclusion strengthen the community and enhance excellence, innovation and creativity. We are dedicated to recruiting individuals who will enrich our work and learning environments. **Due to the urgency and nature of the student funding available for this project, only applications from candidates currently residing in Canada will be considered. Prospective international students are encouraged to contact us to inquire about potential funding available for other projects.** We are committed to providing accommodations to those with a disability or medical necessity. If you require an accommodation in order to participate in the recruitment process, please notify us, and we will work together on the accommodation request.

For more information or to apply, please contact Dr. Atta Agyekum. Applicants are requested to include a cover letter outlining their research and career interests, a curriculum vitae, and copies of academic transcripts in their application package. Screening of candidates will continue until all positions are filled. ***Only applicants selected for an interview will be contacted.***

Dr. Atta Agyekum

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