

Animal Science is a modern and dynamic scientific field concerned with the biology, nutrition, genetics, welfare, health, and sustainable management of animals.

This discipline integrates knowledge from biological, agricultural, and technological sciences, making a substantial contribution to the production of safe and high-quality food, environmental protection, and the sustainable development of the agri-food chain.

Through contemporary study programmes, laboratory training, and practical experience, students acquire the essential knowledge and skills required to meet the challenges of the future.

Key Areas of Animal Science

- Animal biology and physiology
- Animal nutrition and feed technology
- Animal health management
- Genetics and biotechnology
- Animal welfare and husbandry
- Sustainable and environmentally responsible production
- Agri-food innovation and research

10 Things You Should Know About Animal Science

01.

Contribution to global food security

Animal Science contributes to the production of safe, nutritious, and high-quality animal-derived foods for a continuously growing global population.

02.

Understanding animal biology and health

Students gain comprehensive knowledge of animal physiology, reproduction, metabolism, and behaviour.

03.

Strong background in nutrition and feed systems

Animal nutrition is a fundamental pillar of animal production and sustainable development.

04.

Modern technologies and biotechnology

Studies include applications of genetics, biotechnology, artificial intelligence, and precision agriculture.

05.

Promotion of animal welfare

Emphasis is placed on ethical management and contemporary welfare practices.

06.

Environmental protection

Students are trained in sustainable production practices and in reducing environmental impact.

07.

Integration of theory and practice

The curricula combine theoretical training with practical education and laboratory experience.

08.

Expanded career opportunities

Graduates may work in fields such as research, the feed industry, and agri-food production.

09.

Innovation and research

Animal Science is a continuously evolving field with strong research activity.

10.

Positive societal impact

Animal scientists contribute to public health, sustainability, and rural development.

A Scientific Field with Strong Prospects

Animal Science provides a solid scientific foundation and significant professional opportunities in the agri-food sector.