

## YEAR THREE COURSES

### Semester One

- SLP 311.1 Animal Diseases 1
- SLP 311.2 Animal Nutrition 1
- SLP 312.2 Feed Analysis and Instruments
- SLP 311.4 Animal Reproduction

### Semester Two

- SLP 321.1 Animal Disease 2
- SLP 323.1 Meat Quality and Assessment
- A322 Research Methods
- SLP 321.4 Genetic Diversity of Farm Animals

## YEAR FOUR COURSES

### Semester One

- STA 411 Industry Project
- STA 411 Current Issues
- STA 413.1 Entrepreneurship
- STA 417 Special Project 1
- STA 411.4 Principles of Animal Genetics
- SLP 411.1 Farm Biosecurity
- SLP 411.3 Dairy Production

### Semester Two

- A427 Special Project 2
- SLP 421.2 Feed Formulation and Applications
- SLP 421.3 Integrated Livestock Farming System
- SLP 422.3 Animal Production systems
- SLP 421.4 Animal Breeding
- SLP 422.4 Animal Biotechnology and Applications



*Join Us*

in Advancing Sustainable Livestock Production

You are an important part of our mission to develop the sustainable use of our country's diverse natural resources. Through our Bachelor in Sustainable Livestock Production Program, you can contribute to revitalizing Papua New Guinea's livestock industry. By focusing on sustainable practices in animal breeding, health and nutrition, and fiber production, you will help address food and nutrition insecurity in our country.

**Together, we can create a more sustainable and prosperous future.**

## CONTACT US

### MAILING ADDRESS

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# Department of Animal Science



### SCHOOL OF NATURAL RESOURCES

PNG University of Natural Resources and Environment  
Private Mail Bag.  
**KOKOPO.**  
East New Britain Province.



# Unlock Your Future in Animal Science

The Department of Animal Science offers a comprehensive academic program that combines the science and art of raising domesticated animals for human consumption. Our academic program is designed to provide a strong foundation in biological, behavioral, physical, and environmental sciences, equipping students with the knowledge and skills essential for a successful career in this dynamic field.

## WHY STUDY SUSTAINABLE LIVESTOCK PRODUCTION WITH US?

### Hands-On Learning:

Our program emphasizes practical experience, allowing students to apply classroom knowledge in real-world settings. From animal breeding and nutrition to management and processing, students gain hands-on skills that are directly applicable to the industry.

### Interdisciplinary Approach:

Animal Science is more than just working with animals. Our courses integrate aspects of biology, chemistry, and environmental science to provide a holistic understanding of animal production and its impact on global food systems.

### Contribute to Global Food Security:

Animal Science plays a pivotal role in ensuring the food and nutrition security of nations. By studying with us, you'll be at the forefront of developing sustainable practices that support the health and well-being of both animals and humans in Papua New Guinea.

### Industry Connections:

Our department maintains strong ties with industry partners, offering students valuable networking opportunities, internships, and access to cutting-edge research.



## CAREER OPPORTUNITIES

Graduates are well-prepared for a variety of careers in agriculture, research, veterinary science, and beyond. With the growing demand for sustainable and ethical animal production, our students are positioned to become leaders in ensuring food and nutrition security.

They can become Animal Scientists, Nutritionists, Breeders, Trainers, Entrepreneurs, livestock officers, Paravets, Animal Health Practitioners, Laboratory Technician, Tutors/lecturers; and work at organizations such as NAQIA, NARI, DAL, Niugini Tablebirds, Zenag, Rumion, Ramu Agro Industries, LDC, Mainland Holdings and many more.

## ENTRY REQUIREMENTS

Applicants must have a Grade 12 Higher School Certificate (or equivalent) with Grade B or better in Language and Literature; Maths A (or Maths B), Biology and Chemistry (or Physics) and one other subject. GPA is 3.0 or higher.



## DEGREE PROGRAMS AND MAJORS

The department offers a four-year degree program leading to a Bachelor in Sustainable Livestock Production (BSLP) majoring in one of the following strands;

1. Animal Health & Management
2. Animal Nutrition
3. Animal Production & Management and
4. Animal Genetics & Breeding

## YEAR 1 COURSES

### Semester One

- STA 114 Communication skills
- STA 112 Applied Biology
- STA 113 Applied Chemistry
- SIT114 Introduction to ICT

### Semester Two

- SLP 121 Introduction to NRCU
- STA 121 Applied Physics
- STA 122 Applied Mathematics
- STA 111 Introduction to Animal Science

## YEAR 2 COURSES

### Semester One

- STA 211.1 Introduction to Veterinary Science
- SLP 211.3 Anatomy and Physiology of Farm Animals
- SLP 212.3 Animal Behaviour and Welfare
- STA 212.4 Introduction to Statistics

### Semester Two

- SLP 221.3 Ruminant Animal Production
- SLP 223.3 Monogastric Animal Production
- SLP 221.2 Fundamentals of Animal Nutrition
- SLP 222.2 Pasture Production and Management

