



Course Modules:

> SEMESTER ONE

- SFS 111 Introduction to Forestry
- STA 112 Applied Biology – Forest Botany
- STA 113 Applied Chemistry- Natural Resources Management & Conservation
- STA 114 Communication Skills

> SEMESTER TWO

- SFS 121 Forest Ecology
- SFS 122 Civics & Ethics
- STA 121 Applied Physics- Sustainable Land use Management
- STA 122 Applied Mathematics

5. DEPARTMENT OF TOURISM

The Department offers a four-year degree program leading to a **Bachelor in Sustainable International Tourism**. Students who score less than 70% in the second year graduate with a **Diploma in Sustainable International Tourism** after their third year of study as an exit plan.

ENTRY REQUIREMENT

Grade 12 Higher School Certificate (or equivalent) grade of 'B' or better in Language & Literature; Maths A (or Maths B); Economics; Geography and History. Any one of the three Science subjects (Biology, Chemistry, and Physics) is optional. GPA is 3.0 or higher.

CAREER PATHWAYS

Graduates can work in a tourism business, government agencies, travel agencies, event management, museums/heritage centers, natural resources NGO's and many others. They can also develop for themselves a sustainable local tourism enterprise.

Course Modules:

> SEMESTER ONE

- SIT 111 Introduction to Tourism
- SIT 112 Geography History Essential to Tourism
- SIT 113 Global Society & Culture
- SIT 114 Introduction to ICT
- STA 114 Communication Skills

> SEMESTER TWO

- SIT 121 Introduction to Hospitality
- SIT 122 Introduction to Accounting
- SIT 123 English Language Skills
- STA 122 Applied Mathematics
- SLP 121 Natural Resources Conservation & Utilization



**FOR MORE INFORMATION ON OUR
ACADEMIC PROGRAMS,**

PLEASE CONTACT:

THE SENIOR ASSISTANCE REGISTRAR
Academic & Student Administration Office
Papua New Guinea University of
Natural Resources and Environment
Private Mail Bag
KOKOPO
East New Britain Province

Phone: 987 1286 / 987 1285

Fax: 983 9249

Email: studentadmin@unre.ac.pg



**Papua New Guinea University of
Natural Resources and Environment**

COURSE *Information*

Why study with us?

Papua New Guinea is a nation that is immensely rich in biological and cultural diversity. This wealth of natural resources is the bed-rock upon which Papua New Guinea University of Natural Resources and Environment is founded. We are the only national university in the country that is dedicated solely to human resource development in the sustainable utilization of our natural renewable resources and management of our environment. You are an important part of our mission. A choice for PNG UNRE is a choice for Papua New Guinea, for this generation and future generations.

Undergraduate Programs

1. DEPARTMENT OF AGRICULTURE

The Department offers a four-year degree program leading to a Bachelor in Sustainable Tropical Agriculture. Students who score less than 70% in the second year graduate with a Diploma in Sustainable in Sustainable Tropical Agriculture after their third year of study as an exit plan.

ENTRY REQUIREMENT FOR BACHELOR PROGRAM

Grade 12 Higher School Certificate (or equivalent) grade of 'B' or better in Language & Literature; Maths A (or Maths B); Biology; Chemistry; and Physics. GPA is 2.8 or higher.

CAREER PATHWAYS

Graduates work as extension officers, lecturers/teachers, soil scientists, managers, entomologists, agronomists, consult-ants, etc. They are employed by organisations such as New Britain Palm Oil Limited, National Agriculture Quarantine and Inspection Authority, NARI, Trukai Industries, Niugini Tablebirds, Department of Agriculture & Livestock, PNG Cocoa Board, Hargy Oil Palm and many others. We also equip our students with the skills to become employers not employees.

Course Modules:

> SEMESTER ONE

STA 111 Fundamental of Agriculture
STA 112 Applied Biology
STA 113 Applied Chemistry
STA 114 Communication Skills
SIT 114 Introduction to ICT

> SEMESTER TWO

STA 121 Applied Physics
STA 122 Applied Mathematics
STA 123 On Farm Practice
STA 124 Introduction to Farm Business
SLP 121 Natural Resources Conservation & Utilization

2. DEPARTMENT OF FISHERIES & MARINE RESOURCES

The Department offers a four-year degree program leading to a Bachelor in Sustainable Fisheries Marine Resources. There are three main subject areas: Fisheries Sciences; Marine Sciences and Aquaculture. Students who score less than 70% in the second year graduate with a Diploma in Sustainable Fisheries Marine Resources after their third year of study as an exit plan.

ENTRY REQUIREMENT

Grade 12 Higher School Certificate (or equivalent) grade of 'B' or better in Language & Literature; Math's A (or Math's B); Biology; Chemistry; Physics. GPA is 2.8 or higher.

CAREER PATHWAYS

Research Career Pathway - Marine Biology, Oceanography, Freshwater Ecology, Fisheries Climatology, Fish Population Dynamics, etc.

Applied Career Pathway - Fisheries Management, Aquaculture, Ecotourism, Education, Environmental Consulting; Fisheries Consulting; Conservation, Food Technology, etc.

Course Modules:

> SEMESTER ONE

SFM 111 Introduction to Fisheries
STA 112 Applied Biology
STA 113 Applied Chemistry
STA 114 Communication Skills
SIT 114 Introduction to ICT

> SEMESTER TWO

SFM 121 Introduction to Aquaculture
SFM 122 Introduction to Aquatic Ecosystems
STA 121 Applied Physics
STA 122 Applied Mathematics
SLP 121 Natural Resources Conservation & Utilization

3. DEPARTMENT OF ANIMAL SCIENCE

The Department offers a four-year degree program leading to a Bachelor in Sustainable Livestock Production. Students who score less than 70% in the second year graduate with a Diploma in Sustainable Livestock Production after their third year of study as an exit plan.

ENTRY REQUIREMENT

Grade 12 Higher School Certificate (or equivalent) grade of 'B' or better in Language & Literature; Maths A (or Maths B); Biology; one of the other two Science subjects (Chemistry or Physics); and one other subject. GPA is 3.0 or higher.

CAREER PATHWAYS

Animal Science also plays a significant role in food security of a nation. Graduates can become Animal Nutritionists, Animal Breeder, Animal Trainer, Paravet, Livestock Officer, Laboratory Technician, Lecturer/Teacher, and Entrepreneur. They can work

at NAQIA, Niugini Tablebirds, Ramu-Agri Industries, Zenag Chicken and many others.

Course Modules:

> SEMESTER ONE

SLP 111 Introduction to Animal Science
STA 112 Applied Biology
STA 113 Applied Chemistry
STA 114 Communication Skills
SIT 114 Introduction to ICT

> SEMESTER TWO

SLP 121 Natural Resources Conservation & Utilisation
STA 121 Applied Physics
STA 122 Applied Mathematics
STA 123 On Farm Practice
STA 124 Introduction to Farm Business

4. DEPARTMENT OF FORESTRY

The Department offers a four-year degree program leading to a Bachelor in Sustainable Tropical Forestry. Students who score less than 70% in the second year graduate with a Diploma in Sustainable Tropical Forestry after their third year of study as an exit plan.

ENTRY REQUIREMENT

Grade 12 Higher School Certificate (or equivalent) grade of 'B' or better in Language & Literature; Maths A (or Maths B); at least two of the three Science subjects (Biology, Chemistry, Physics); and one other subject. GPA is 3.0 or higher.

CAREER PATHWAYS

Forestry graduates have an important task to protect Papua New Guinea's estimated 33.6 million hectares of forested land which contain more than 5% of the world's known biodiversity. They can become environmentalists, scientists, foresters, lecturers/teachers, entrepreneurs, etc.

