



COURSE INFORMATION FOR GRADE 12 SCHOOL LEAVERS

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 utilisation 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

DEPARTMENT OF AGRICULTURE

The Department offers the following:

- Diploma in Sustainable Tropical Agriculture (3 years);
- Bachelor in Sustainable Tropical Agriculture (4 years).

ENTRY REQUIREMENT FOR DIPLOMA PROGRAM

Grade 12 Higher School Certificate (or equivalent) grade of 'C' or better in Language & Literature and Maths A (or Maths B); 'B' or better grade in Biology; Chemistry; Physics. GPA is 2.5 or higher.

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, consultants, 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.

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, Entrepreneur. They can work at NAQIA, Niugini Tablebirds, Ramu-Agri Industries, Zenag Chicken and many others.

DEPARTMENT OF FISHERIES AND 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; Maths A (or Maths 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.

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.

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, 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.

FOR MORE INFORMATION ON OUR ACADEMIC PROGRAMS, PLEASE CONTACT:

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