



**PAPUA NEW GUINEA UNIVERSITY OF NATURAL RESOURCES & ENVIROMENT**

*"Sustaining Our Future"*

Private Mail Bag, **RABAUL**, East New Britain Province, Papua New Guinea | **phone** (675) 983 9144 | **fax** (675) 983 9166

**SCHOOL OF ENVIRONMENT & CLIMATE CHANGE**

**COURSE STRUCTURE**

**Department:** Renewable Energy and Environmental Engineering

**Programme:** Bachelor in Renewable Energy and Environmental Engineering (BREEE)

Semester One							
Code	Year One	Code	Year Two	Code	Year three	Code	Year Four
ECH112	Environmental Health	RE 211	GIS Geography Information System & GPS	RE311	Solar Photovoltaics	RE411	Life Cycle Assessment
SIT114	Information and Communication Technology	RE212	Engineering Maths I	RE312	Tidal Power (Marine Renewable Energy)	RE412	Fluid Mechanics for Energy and Environmental Engineers
ECH111	Introduction to Climate Change	RE213	Basic Electrical Engineering	RE313	Wind Energy Technology and Systems	RE413	Strategic Leadership and Ethics
STA112	Applied Biology	RE214	Engineering Chemistry	RE314	Biomass Energy, Waste Technology and Systems	RE414	Natural Resource Management in the Pacific Islands
STA114	Communication Skills						
Semester Two							
SLP121	Natural Resources Conservation and Utilization	RE221	Environmental Biology	RE321	Computer and GIS Applications in Environmental Engineering	RE415	Renewable Energy and Environmental Research (field project)
ECH121	Introduction to Renewable Energy	RE222	Global Climate Change	RE322	Ecological Evaluation for EIA		
STA112	Applied Math	RE223	Bioenergy	RE323	Occupational Health and Safety in PNG (and other regions of the Pacific islands)		
STA121	Applied Physics	RE224	Hydroelectricity Technology and Systems	RE325	Operation and Maintenance of Environmental Facilities		
ECH122	Environmental Science						