



SCHOOL OF FORESTRY

FACULTY OF NATURAL RESOURCES

SCHOOL OF FORESTRY POSTGRADUATE PROGRAM

The School of Forestry at Unitech has a successful and ongoing postgraduate program that focuses on research at both PhD and MPhil levels. Over the years, the Department has graduated a good number of postgraduate students at MPhil level and this has raised the profile of the University and the Department. In 2019, the Department graduated a record number of MPhil students totaling nine (9). Most of the postgraduate students who graduated received funding support and sponsorship from the EU-FAO funded Multipurpose Forest Inventory Project.

Some of the Department's ongoing collaboration with various stakeholders that support our postgraduate program include: PNG Forest Authority and its Research Institute; New Guinea Binatang Research Center; Ramu Agribusiness Limited; and Oil Search Limited PNG Biomass Project. These organisations support our postgraduate program through sponsorship of postgraduate students.

The current researches undertaken at Postgraduate level are in the areas of forest dynamics associated with El Nino drought; development of GIS and Remote Sensing forestry systems; Biodiversity and Conservation; Plant and Insect interactions; Wood processing; and Social and community forestry (Table 1).

NO	SUPERVISORS	STUDENT	PROGRAM	YEAR	RESEARCH TOPIC
1.	Dr. Cossey Yosi	Mr. Hayden Wagia	PhD	3	The ecology of tropical rainforest trees in New Guinea: Tree species mortality, diversity, dominance and composition.
		Mr. Philip Topaiman Ouyoub	PhD	1	A comparative analysis of different silvicultural treatments over 16 years on forest recovery and tree species regeneration in a selectively logged over lower montane forest in Papua New Guinea: implications for timber management, carbon storage and conservation values.
		Mr. Mondo Kamar	PhD	1	Modelling Growth and Yield of Selected Plantation tree species in Papua New Guinea.
		Ms. June Mandawali	MPhil	2	Social and cultural influences on the Bulolo Wau industrial tree plantation development in Papua New Guinea: evidence from the three indigenous forest village communities.
		Mr. Cassey Uvau	MPhil	2	Plant-Caterpillar interactions in a primary lowland forest in New Guinea.
		Mr. Israel Penu	MPhil	1	Species diversity and aboveground carbon stock assessment of a mangrove forest in Aluki in Morobe Province, Papua New Guinea.
2.	Prof Yusuf Sudo Hadi Mr. Haron Jeremiah	Ms Ivy Kiele	MPhil	1	Impacts of the Root System of selected PNG Tree Species on Soil Erosion and Maintenance of Essential Plant Growth Nutrients

3.	Dr Jimmy Moses	Ms Christine Pokana	MPhil	1	Assessing the Abundance, Distribution and Ecological Interactions of Butterfly Communities and Aristolochia host plants along an Elevational Gradient in Papua New Guinea.
		Ms. Priscilla Menin	MPhil	2	Assessing the Socio-Economic Impact of Forestry Pine Plantations on Local Communities: A Case Study of the Manki Clan in Papua New Guinea.
		Mr. Clifford Yae	MPhil	1	Species richness and community composition of amphibians along a rainforest elevation gradient in Papua New Guinea.
4.	Mr Billy Bau	Ms Natasha Maiguo	MPhil	1	Rainforest succession dynamics on landslides in Papua New Guinea.

Entry Requirements for Postgraduate Program:

Currently the School of Forestry does not offer taught course Master in Forestry program however, the School offers postgraduate degrees in Master of Philosophy (MPhil) and Doctor of Philosophy (PhD) in Forestry by research.

Entry requirements for a MPhil is Bachelor's Degree or postgraduate diploma in Science with above average grades from a recognized university and for a PhD program, a taught course Master of Science degree or MPhil is required.