

# Courses

## YEAR ONE

### Semester One

SFS 111 Introduction to Forestry  
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 Math's  
STA 123 Forest Ecology  
SLP 121 NRC and Utilization

## YEAR TWO

### Semester One

SFS 212 Forest Product & Utilization  
SFS 213 Forest Botany & Dendrology  
STA 211 Principles of Soil Science  
STA 212 Introduction to Statistics

### Semester Two

SFS 224 Natural & Plantation Forest Silviculture.  
SFS 225 GIS for Natural Resources Management  
SFS 226 Catchment Management  
SFS 227 Forest Management & Environment  
Ecosystem Service

## YEAR THREE

### Semester One

SFS 111 Forest Resource Inventory & Assessment  
STA 311 Statistics  
STA 313 Extension Methods  
M 314 Small Business Planning

### Semester Two

A322 Research Methods  
SFS 323 Sustainable Use of NTFP & Wood Science  
F 324 Sustainable Palm Oil Production.  
SFS 325 Civics & Ethics

## YEAR FOUR

### Semester One

F413 Forests Policy, Law and Administration  
F414 Forests Economics  
F411 Agroforestry Systems & Community Forestry  
A 412 Industry Project  
A413 Entrepreneurship & Leadership

### Semester Two

A 421 Plant/Tree Breeding and Biotechnology  
A 427D Special Research Project 2  
F 422 Certification and legality in Forestry  
F 425 REDD+ & Global Carbon Marketing  
F426 Forest Management & Environmental  
Planning

*Apply Today*

## CONTACT US

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# Department of Sustainable Tropical Forestry



We are committed to the sustainable management and responsible use of our forest resources as a renewable asset for current and future generations.



# Welcome

The Department of Sustainable Tropical Forestry (DSTF) is one of four departments within the School of Natural Resources at Papua New Guinea University of Natural Resources and Environment. Our mission is to bring to the Pacific Rim community the benefits of teaching, research, technology transfer, and service, through excellence and professionalism.

## OUR DEPARTMENT TEAM

With a dedicated team of experts, emerging teaching facilities, and access to pristine Tropical Evergreen Rainforests, DSTF provides an unparalleled educational experience. Our faculty includes four qualified academics, three technical personnel, and one administrative staff member, all bringing extensive sectoral and industry experience to our programs. We are committed to delivering high-quality education and preparing you for a successful and impactful career in forestry. Additionally, we offer opportunities for top-performing graduates to join our team and contribute to the department's ongoing success.

## OUR COMMITMENT

We are committed to the sustainable use, management, and wise utilization of our forest resources as renewable assets for current and future generations.

## OUR OBJECTIVES

Our programs are uniquely aligned with the PNG National Government's strategic direction and vision, focusing on two key objectives:

- Training forestry experts to meet industry expectations, with the goal of ceasing all-round log exports by 2025.
- Preparing forestry professionals to increase downstream processing facilities and boost the volume of processed timber in PNG.



## CAREER PATHWAYS

Graduates have diverse career options across natural resource management, environmental conservation, and sustainable development. Key areas include:

### Forestry Management & Conservation

- *Forest Manager*: Balance ecological health with sustainable forest use.
- *Conservationist*: Protect endangered species and habitats.

### Agriculture & Biodiversity

- *Agroforestry Specialist*: Integrate trees into farming for sustainability.
- *Wildlife Biologist*: Preserve forest ecosystems and biodiversity.

### Climate & Environmental Policy

- *Climate Analyst*: Develop strategies to mitigate climate impacts on forests.
- *Policy Advisor*: Shape environmental and conservation policies.

### Timber & Resource Management

- *Operations Manager*: Oversee sustainable timber harvesting.
- *Renewable Energy Specialist*: Manage forest resources for bioenergy.

### Research & International Development

- *Researcher/Professor*: Advance knowledge in forestry and sustainability.
- *International Advisor*: Address global forestry challenges and promote sustainable land use.

## THE FOUNDATION OF OUR DEGREE PROGRAM

DSTF is committed to delivering excellence in tropical forestry education across PNG and the South Pacific region.

We offer undergraduate and postgraduate programs in sustainable tropical forestry resource management and utilization, welcoming applicants from the South Pacific and beyond. In addition to higher degree programs, DSTFS provides community-level training to meet the needs of forest resource owners and local communities.

## PROGRAM STRUCTURE

### Foundation and Specialization

In Year 1, all students undertake common foundation courses and introduction to Sustainable Tropical Forestry program together with prerequisites modules from our sister departments. This foundational approach continues into Year 2 before students begin to specialize in their chosen majors in Year 3 and continue through to Year 4.

## DEGREE PROGRAMS AND MAJORS

The department offers a four-year degree program leading to a Bachelor in Sustainable Tropical Forestry majoring in one of the following strands;

1. Forestry Sciences and Technology
2. Forestry Management and Nature Conservation
3. Forest Carbon Science and Policy Management
4. Regional Development and Sustainability
5. Forest Engineering and Harvesting

## ENTRY REQUIREMENTS

Applicants must have a Grade 12 Higher School Certificate (or equivalent) with a grade of 'B' or better in Language and 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.