



M.Sc in Green Technology



Department of Agricultural Engineering

Faculty of Agriculture

University of Ruhuna

Mapalana

Kamburupitiya

Sri Lanka

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<http://www.agri.ruh.ac.lk/>

Objectives

Aims to produce competent professionals with postgraduate qualification combining technical and scientific skills with an understanding of the environment, land-based industries and ecosystems who can contribute to use, protect and develop the renewable resources.

Rationale

Green Technology as an emerging sector offers a wide range of exciting employment opportunities in almost all the sectors including agriculture and applied sciences, energy and power, agro-tourism, environmental studies, forestry etc. The course will open the wide range of employment for the followers to be the researchers or professionals, in vast areas of Science, Industry and Technology areas. They will be fit to work as resource person and consultants who could be able to act on sustainable manner to unify the living world with non-living world with adopted green technologies.

Eligibility Requirement

Students, Professionals, Researchers, Academics, Engineers, entrepreneurs or any interested individuals with background with numerate science-based degrees such as engineering, agriculture, agricultural engineering, physics, biological science, environmental science and other related fields.

The Structure of the Program

A minimum of two academic years (4 Semesters) shall ordinarily be required for the completion of course work, research, thesis / project preparation and examinations leading to the award of the M.Sc. degree.

The minimum credit requirement of the two-year Master of Science Degree is 50 credits, which includes 30 credits of coursework and a research thesis of 20 credits. First year (2 semesters) are allocated for the course works which are comprised of compulsory and optional courses. Candidates who will not perform sufficiently well in the first part of the course (at least 2.5 GPA) may be allowed to have Post Graduate Diploma with minimum GPA of 2.0. All the requirements for the degree must be completed within four years of first registration for the degree of Master.

Course Fee and Registration (SL Rs)

Application fee 500 .00

M.Sc. 1,00,000.00

PGdip. 70,000.00

Faculty and Professional Staff

- Professional Staff from Dept. of Agricultural Engineering
- Other staff of Faculty of Agriculture, University of Ruhuna
- Experts from
 - Faculty of Engineering, University of Ruhuna
 - University of Moratuwa,
 - University of Colombo,
 - University of Sri Jayawardenapura,
 - CEA and other related institutes
- Experts from
 - University of Melbourne, Australia
 - Sultan Qaboos University, Oman

Courses Offered

Compulsory

Natural Resource Systems
Climate change and Clean Development Mechanism
Pollution, Waste Management and Recycling
Bio Energy Production technology
Non-bio energy Production Technology
Energy Management Principles and Practice
Agro Entrepreneurship Development
Statistic for research
GIS and Remote Sensing
Instrumentation and Measurement techniques
Innovation led sustainable growth Computer programming

Optional

Soft skill Development
Fine Arts (Music / Painting)
Precision Agricultural Technology
Environment and Cinema
Literature Survey and virtual referencing
Farm Buildings and Controlled Environments
Experimental & Analytical Techniques
Project management

Contact:

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For more information , Please visit:

<http://www.agri.ruh.ac.lk/>