

PhD in Crop and Soil Sciences By Research

DEPARTMENT OF AQUACULTURE AND FISHERIES SCIENCE

www.luanar.ac.mw/aquafish

PROGRAMME DESCRIPTION

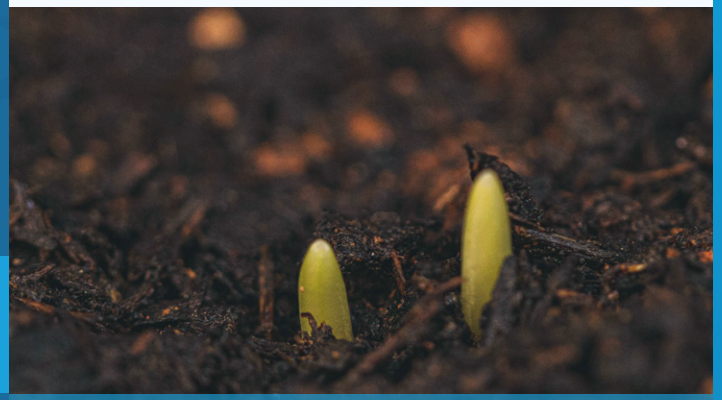
The PhD in Crop and Soil Sciences by Research offers a focused pathway for advanced study and research in the field. Students engage in independent inquiry and scholarly exploration under the guidance of experienced faculty members. Through original research projects, graduates contribute to agricultural knowledge and develop innovative solutions for industry challenges. This program prepares students to become skilled researchers capable of addressing complex issues in crop production, soil management, and environmental sustainability.

CAREER PROSPECTS:

Research Scientist, University Professor, Extension Specialist, Agricultural Consultant, Government Agricultural Scientist, Crop Breeder, Soil Conservationist, Environmental Scientist, Seed Technologist, And Agribusiness Manager.

PROGRAMME STRUCTURE

The programme comprises of remedial courses in statistics where there is insufficient background in statistics or students require rekindling the skills in statistics to enable them to conduct their research. The statistics courses is offered at MSc level. In addition, the supervisory committee may recommend students to take certain courses from MSc programmes offered at Bunda College to enable students to conduct their research.





PROGRAMME COURSES

Year 1 Courses

#	Course Code	Course Name Course	Type
	SEMESTER I COURSES		
1	CSS86100	Crop and Soil Sciences PhD seminar I	Core
2	CSS75101	Research Methods in Agriculture	Core
3	CSS75100	Scientific Writing and Communication	Core
4	CSS86102	PhD Research Proposal Development	Core
	SEMESTER II COURSES		
1	CSS86103	Crop and Soil Sciences PhD seminar II	Core
2	CSS86202	PhD Research Proposal Development	Core

Year 2 and 3 Ccourses

#	Course Code	Course Name Course	Type
1	CSS87101	Crop and Soil Sciences PhD seminar III (Research Progress)	Core
2	CSS87201	Crop and Soil Sciences PhD seminar IV (Research Progress)	Core
3	CSS88101	Crop and Soil Sciences PhD seminar V (Research Progress)	Core
4	CSS88201	Crop and Soil Sciences PhD seminar VI (Research Progress)	Core
5	CSS89000	PhD Research	

Fees Structure

PhD (International)

Category	Item	Year I ($)	Year 2 ($)	Year 3 ($)	Total ($)
Administrative Fees	Application	20			20
	Registration	25	25	25	75
	Library	100	100	100	300
	Medical	245	245	245	735
	Examination	65	65	65	195
	Sub-Total	455	435	435	1325
Tuition fees	Tuition Fee (Average of Local and regional Universities)	2,685.00	2,705.00	2,705.00	8,095.00
	External and Internal examiner's fees and postage	210	210	210	630.00
	Supervisory Fees	250.00	250.00	250.00	750.00
	Sub-Total	**3,600.00**	**3,600.00**	**3,600.00**	**10,800.00**
Research cost	Research		4,400.00	4,400.00	8,800.00
Student Welfare (7)	Settling-in allowance	95			95
	Setting-out allowance		95	95	190
	Holiday Allowance	60	60	60	180
	Personal Allowance	2,835.00	2,835.00	2,835.00	8505
	Sub-Total	2,990.00	2,990.00	2,990.00	8970

PhD (Local)

Category	Item	Year I ($)	Year 2 ($)	Year 3 ($)	Total ($)
Administrative Fees	Application	20			20
	Registration	25	25	25	75
	Library	100	100	100	300
	Medical	245	245	245	735
	Examination	65	65	65	195
	Sub-Total	455	435	435	1325
	Tuition Fee (Average of Local and regional Universities)	2,085.00	2,105.00	2,105.00	6,295.00
	External and Internal examiners fees and postage	210	210	210	630.00
	Supervisory Fees	250.00	250.00	250.00	750.00
	Sub-Total	3,000.00	3,000.00	3,000.00	9,000.00
Research costs	Research		4,400.00	4,400.00	8,800.00
Student Welfare	Settling-in allowance	95			95
	Setting-out allowance		95	95	190
	Holiday Allowance	60	60	60	180
	Personal Allowance	2,835.00	2,835.00	2,835.00	8505
	Sub-Total	2,990.00	2,990.00	2,990.00	8970

ENTRY REQUIREMENTS:

The common university rules and regulations for the PhD's degree programmes specified in the Lilongwe University of Agriculture and Natural Resources Statutes will be applicable. Admission shall be offered to holders of a MSc or MPhil in agronomy, crop sciences, horticulture, agricultural sciences, and soil sciences or related disciplines, with an upper second class honours and above or equivalent qualification from recognised institutions. The MSc degree must have been obtained through a taught and research programme. Candidates with an MSc degree obtained through a taught work only will not be considered.

CURRICULUM DELIVERY:

The programme has been developed to be offered in face-to-face mode.

LOCATION OF PROGRAM:

LUANAR Bunda College

TECHNIQUES OF DELIVERY:

Lectures and demonstrations, Laboratory, classes, Industrial visits, Tutorials, Seminars, Assignments and exercises, Process design research projects (coursework) and Work Integrated Learning.



a University with endless possibilities

Africa Center of Excellence in Aquaculture and Fisheries Science – LUANAR

aquaFish-project@luanar.ac.mw

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