

PhD in Food Systems

DEPARTMENT OF AQUACULTURE AND FISHERIES SCIENCE

www.luanar.ac.mw/aquafish

PROGRAMME DESCRIPTION

The PhD in Food Systems program equips students to address global food challenges through multidisciplinary training. It covers sustainable food systems, gender dynamics, food security, and management. With rigorous coursework and research, students gain expertise to innovate solutions in food systems. Led by experienced faculty, the program prepares researchers to contribute to resilient and equitable food systems globally.

CAREER PROSPECTS:

Research Scientist, Professor, Policy Advisor, Food Systems Analyst, Consultant, Project Manager, Nutrition Specialist, Food Safety Expert, And Entrepreneur.

PROGRAMME STRUCTURE

The program is designed to be completed in three years (6 semesters). However, there is a provision to extend to a maximum period of 4 years to allow candidates to finalize thesis writing and publications. The program curriculum integrates different disciplines of agricultural and natural science to understand complex, local, and alternative food systems of varying scope and scale.



PROGRAMME COURSES

Year 1 Courses

#	Course Code	Course Name Course	Type
	SEMESTER I COURSES		
1	PFS 86100	Food Systems Seminar 1	Core
2	PFS 86101	Sustainable Food Systems and Diets	Core
3	PFS 86102	Gender in Food Systems, Food Security and Nutrition	Core
4	Elective(s) from other faculties and departments		
	SEMESTER II COURSES		
1	PFS 86200	Food Systems Seminar 2	Core
2	PFS 86201	Food Systems Chain and Management	Core
3	PFS 86202	Food Safety and Nutritional Toxicology	Core
4	Elective(s) from other faculties and departments		

Year 2 Ccourses

#	Course Code	Course Name Course	Type
	SEMESTER I COURSES		
1	PFS 86908	Food Systems Thesis Proposal	Core
	SEMESTER II COURSES		
1	PFS 86909	Food Systems Thesis Report	Core
2	Proposed elective courses for PhD in Food Systems curriculum		

Year 3 Ccourses

#	Course Code	Course Name Course	Type
	SEMESTER I COURSES		
1	AFS86107	Sustainable Fisheries and Ecosystems	Elective
2	FOR86101	Forest Products Trade and Marketing	Elective
3	AAE86103	Advanced Research Methods and Practices	Elective
	SEMESTER II COURSES		
1	NUT75204	Food Systems and Health Diet	Elective
2	AAE75503	Farming Systems and Sustainable Livelihood Analysis	Elective
3	CPN75202	Post-harvest Crop Losses Management	Elective
4	AAE75507	Agribusiness Supply Chain Management	Elective

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
	Settling-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:

All prospective students must meet the requirements for the Doctor of Philosophy at LUANAR. In particular, this program demands that prospective students should meet the following requirements:

1. Have a relevant Master of Science Degree in related disciplines (e.g. Food Science and Technology, Nutrition, Economics, Animal Science, Agronomy, Ecology, Environmental science, Aquaculture etc.) obtained from LUANAR or other accredited institutions of higher learning and at least 2 years' relevant work experience.
2. A letter of support from a Food Systems Faculty member who agrees to serve as primary supervisor during enrollment in the PhD Program.

CURRICULUM DELIVERY:

The programme has been developed to be offered through face-to-face with possibility for adaptation into ODeL where blended learning can be utilized

LOCATION OF PROGRAM:

LUANAR Bunda College

TECHNIQUES OF DELIVERY:

The programme will be delivered through lectures, laboratory demonstration and practical's where students will be given an opportunity to have hands-on experience, industrial and field excursions and students' seminars



a University with endless possibilities

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