

Master of Science in Seed Systems

CROP AND SOIL SCIENCES DEPARTMENT

www.luanar.ac.mw/aquafish

PROGRAMME DESCRIPTION

The MSc in Seed Systems offers a comprehensive curriculum focusing on seed science and technology. Through theoretical learning and practical experience, students gain expertise in seed production, quality assurance, and policy management. Emphasizing hands-on training and research projects, graduates are prepared for careers in the seed industry, research institutions, and government agencies. The program fosters professionals equipped to contribute to sustainable agriculture and food security worldwide.

CAREER PROSPECTS:

Seed Quality Assurance Specialist, Seed Technology Researcher, Seed Policy Analyst, Seed Industry Consultant, Agricultural Extension Officer, Seed Marketing Specialist, Crop Breeder, and Seed System Entrepreneur

PROGRAMME STRUCTURE

It combines a core curriculum of seed system courses with a wide range of electives focusing on agronomy, soil science, crop protection, and plant breeding. To qualify for the degree of MSc Seed Systems, the student must satisfactorily complete a program of study with a combined total of not less than 30 credits, plus submission of a thesis.



PROGRAMME COURSES

Year 1 Courses

#	Course Code	Course Name Course	Type
	SEMESTER I COURSES		
1	CSS75001	Plant Physiology and Biochemistry	Core
2	CSS75100	Scientific Writing and Communication	Core
3	CSS75101	Agrometeorology and Climatology	Elective
4	CSS75101	Research Methods in Agriculture	Elective
5	FOR75106	Geographic Information System Applications in Natural Resources Management	Elective
6	HOR75102	Plant Morphogenesis and Development	Elective
7	HOR75204	Plant Tissue Culture and Application	Elective
8	SSY75100	Seed Systems Seminar I	Core
9	SSY75102	Seed Health	Core
10	SSY75103	Seed Physiology and Production Technology	Core
	SEMESTER II COURSES		
1	STA75101	Biometry I	Core
2	CPN75204	Integrated Pest Management	Core
3	CSS75008	Advanced Crop Ecology	Elective
4	SSY75200	Seed Systems Seminar II	Core
5	SSY75201	Seed Enterprise Development	Core
6	SSY75202	Advances in Seed Production, Processing and Storage	Core
7	SSY75203	Seed Systems and Policy Analysis	Core
8	STA75201	Biometry II	Elective

Year 2 Courses

#	Course Code	Course Name Course	Type
	SEMESTER I COURSES		
1	SSY75908	Seed Systems Thesis Proposal	Core
2	SSY75909	Seed Systems Thesis Report	Core

Fees Structure

MSc (International)

Category	Item	Year I ($)	Year 2 ($)	Total ($)
Administrative Fees	Application	20.00		20
	Registration	25.00	25.00	75
	Library	100.00	100.00	300
	Medical	245.00	245.00	735
	Examination	65.00	65.00	195
	Sub-Total	455.00	435.00	1325
Tuition fees	Tuition Fee (Average of Local and regional Universities)	2,619.00	2,619.00	5,238.00
	External and Internal examiner's fees and postage	250.00	250.00	500.00
	Supervisory Fees	250.00	250.00	500.00
	Sub-Total	**3,574.00**	**3724.00**	**7,088.00**
Research cost	Research	2,200.00	2,200.00	4,400.00
Student Welfare (7)	Settling-in allowance	95.00		95.00
	Setting-out allowance		95.00	95.00
	Holiday Allowance	60.00	60.00	120.00
	Personal Allowance	2,835.00	2,835.00	5,670.00
	Sub-Total	2,990.00	2,990.00	5,980.00
	GRAND TOTAL	**9,244.00**	**9,224.00**	**18,468.00**

MSc (Local)

Category	Item	Year I ($)	Year 2 ($)	Total ($)
Administrative Fees	Application	20		20
	Registration	25	25	50
	Library	100	100	200
	Medical	245	245	490
	Examination	65	65	130
	Sub-Total	455	435	890
	Tuition Fee (Average of Local and regional Universities)	1,545.00	1,565.00	3,110.00
	External and Internal examiners fees and postage	250	250	500.00
	Supervisory Fees	250	250	500.00
	Sub-Total	2,500.00	2,500.00	5,000.00
Research costs	Research	2,200.00	2,200.00	4,400.oo
Student Welfare	Settling-in allowance	95		95.00
	Settling-out allowance		95	95.00
	Holiday Allowance	60	60	120.00
	Personal Allowance	2,835.00	2,835.00	5,670.00
	Sub-Total	2,990.00	2,990.00	5,980.00

ENTRY REQUIREMENTS:

A candidate shall either hold a relevant bachelor's degree from Lilongwe University of Agriculture and Natural Resources or a qualification from an approved institution of higher learning deemed to be equivalent to a BSc degree of Lilongwe University of Agriculture and Natural Resources. A candidate shall not be admitted to MSc degree unless s/he has obtained at least a 2.6 GPA or equivalent aggregate marks in undergraduate studies.

CURRICULUM DELIVERY:

The programme will be delivered through 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

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