

Master of Science in Agronomy

DEPARTMENT OF
CROP AND SOIL SCIENCE

www.luanar.ac.mw/aquafish

PROGRAMME DESCRIPTION

The MSc programme in Agronomy aims to inspire students to enhance their expertise in crop and soil sciences. This program prepares them to effectively compete for employment in various sectors, including agriculture, consulting (agricultural, environmental, public health, urban, food processing), and conservation organizations. It also provides a pathway to pursue further studies in a related subject area at the PhD level.

CAREER PROSPECTS:

Agricultural Research Scientist, Agronomy Consultant, Soil Conservation Specialist, Crop Production Specialist, Agricultural Extension Expert, Agricultural Policy Analyst, Agribusiness Manager, Environmental Consultant, Urban Agriculture Specialist, Agricultural Educator

PROGRAMME STRUCTURE

MSc in Agronomy is an interdisciplinary course running for a period of 2 years and consists of various subjects through which students learn about a diverse assortment of fields related to crop protection. The program also includes practical experiences and research.



PROGRAMME COURSES

Year 1 Courses

#	Course Code	Course Name Course	Type
	SEMESTER I COURSES		
1	AGF75101	Agroforestry Technologies and Practices	Elective
2	AGN75100	Agronomy Seminar I	Core
3	CSS75001	Plant Physiology and Biochemistry	Core
4	CSS75100	Scientific Writing and Communication	Core
5	CSS75101	Agro meteorology and Climatology	Core
6	CSS75101	Research Methods in Agriculture	Core
7	FOR75106	Geographic Information System Applications in Natural Resources Management	Elective
8	HOR75102	Plant Morphogenesis and Development	Elective
9	SSC75106	Soil and Plant Analysis	Core
10	SSY75103	Seed Physiology and Production Technology	Core
	SEMESTER II COURSES		
1	AGN75200	Agronomy Seminar II	Core
2	AGN75202	Protected Cultivation	Elective
3	AGR75201	Agro-ecological Farming Systems	Core
4	CPN75204	Integrated Pest Management	Core
5	CSS75008	Advanced Crop Ecology	Core
6	CSS75102	Advanced Forage Physiology and Ecology	Elective
7	CSS75705	Weed Ecology	Elective
8	PLB75203	Participatory Plant Breeding	Elective
9	SSC75203	Soil Microbiology and Ecology	Elective
10	SSC75204	Soil fertility and Plant Nutrition	Core
11	STA75201	Biometry II	Elective

Year 2 Courses

#	Course Code	Course Name Course	Type
	SEMESTER I COURSE		
1	AGN75908	Agronomy Research Thesis Proposal	Core
	SEMESTER I COURSE		
2	AGN75909	Agronomy Research Thesis Report	Core

Fees Structure

MSc (International)

Category	Item	Year I ($)	Year 2 ($)	Total ($)
Administra-tive 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 from Lilongwe University of Agriculture and Natural Resources. A candidate shall not be admitted to MSc degree unless s/he has obtained at least 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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