

Master of Science in Food Science & Technology

DEPARTMENT OF
FOOD SCIENCE AND TECHNOLOGY

www.luanar.ac.mw/aquafish

PROGRAMME DESCRIPTION

The Master of Science Degree in Food Science and Technology, offered by the Faculty of Food and Human Sciences, provides advanced training in food science and technology. Students gain expertise in food production, processing, preservation, and safety, along with insights into emerging technologies. Through a blend of theoretical coursework, laboratory sessions, and industry internships, students develop practical skills and critical thinking abilities. Led by experienced faculty, the program prepares graduates to become leaders and innovators in the global food industry. Upon completion, students emerge equipped to address challenges in food production, safety, and sustainability.

CAREER PROSPECTS:

Food Technologist, Quality Assurance Specialist, Research and Development Scientist, Food Safety Specialist, Product Development Expert, Food Production Specialist, Food Packaging Specialist, Food Processing Engineer, Food Microbiologist, Sensory Scientist, Food Consultant, Food Educator/Trainer, Academic/Researcher in Food Science and Technology.

PROGRAMME STRUCTURE

The program is designed to be completed in 2 years (4 semesters). However, based on LUANAR Academic Rules and Regulations, there is a provision to extend to a maximum period of 3 years to allow candidates to finalize writing a thesis and at least one manuscript



PROGRAMME COURSES

Year 1 Courses

#	Course Code	Course Name Course	Type
	SEMESTER I COURSES		
1	FST75100	Food Science and Technology Seminar I	Core
2	FST75109	Emerging and Current Issues in Food Science and Technology	Core
3	FST75101	Advances in Safety and Quality of Food	Core
4	FST75102	Advanced Food Chemistry	Core
5	FST75103	Advanced Food Microbiology	Core
6	STA75101	Biometry I	Core
7	FST75104	Food Composition Data Production, Management, and Analysis	Elective
8	NUT75103	Global Nutrition Programmes and Strategies	Elective
9	EXT75101	Quantitative and Qualitative Research Methods and Data Analysis	Elective
	SEMESTER II COURSES		
1	FST75200	Food Science and Technology Seminar II	Core
2	FST75201	Advanced Sensory Evaluation of Food	Core
3	FST75202	Advanced Food Analysis	Core
4	STA75201	Biometry II	Core
5	NUT75204	Food Systems and Healthy Diets	Elective
6	FST75204	Advanced Food Biotechnology	Elective
7	ABM75207	Strategic Human Resource Management	Elective

Year 2 Courses

#	Course Code	Course Name Course	Type
	SEMESTER I COURSE		
1	FST75908	Food Science and Technology Thesis Proposal	Core
	SEMESTER I COURSE		
2	FST75909	Food Science and Technology 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 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 2.6 cGPA 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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