## M.Sc. in Dairy and Meat Product Technology

## List of Courses:

First Semester Comparative Anatomy and Physiology of Farm Animals		
Comparative Anatomy and Physiology of Farm Animals		
	3	Prerequisite
ntroduction to Animal Production	2	Prerequisite
Dairy Chemistry	2	Compulsory
Meat Science		Compulsory
Procuring, Processing and Marketing of Fluid Milk		Compulsory
Processing of Dairy Products	2	Compulsory
Poultry Meat Processing Technology	1	Compulsory
Directed Study	2	Compulsory
Seminar	1	Compulsory
aboratory Techniques in Animal Nutrition	2	Elective
Indocrinology of Farm Animals	2	Elective
Physiology of Lactation	2	Elective
Quantitative and Molecular Genetics of Farm Animals	2	Elective
Ruminant Nutrition	3	Elective
Selection Index and Mixed Model Methodology	3	Elective
Slaughter House Planning and Management	2	Elective
Biochemical Genetics and Cytogenetics	2	Elective
Proposal Formulation and Scientific Writing	2	Elective
Environmental Impact Assessment	2	Elective
Food Microbiology	2	Elective
ood and Nutritional Aspects of Food	2	Elective
ood Regulations and Quality Management Systems	2	Elective
Second Semester		
Dairy Engineering	2	Compulsory
Meat Processing Technology	2	Compulsory
Microbiology of Dairy, Meat, Fish and Egg Products	3	Compulsory
Slaughter House By-Product Technology	2	Compulsory
ndustrial Visits-Dairy and Meat Product Technology	1	Compulsory
Advances in Forage Production and Utilization	2	Elective
Animal Biotechnology	3	Elective
ivestock Breeding	3	Elective
Non–Ruminant Animal Production	3	Elective
Ruminant Livestock Production	3	Elective
Shrimp and Fish Processing	2	Elective
Animal Quarantine, Welfare and Legislation	1	Elective
Animal Food Safety	2	Elective
Dairy Biotechnology	2	Elective
Dairy Sanitation and Hygiene	1	Elective
ood Plant Layout and Operations	1	Elective
·	2	Elective
Organizations		
Food Analysis	3	Elective
·	1	Elective
Animal Experimentation	3	Elective
	rocuring, Processing and Marketing of Fluid Milk rocessing of Dairy Products oultry Meat Processing Technology birected Study eminar aboratory Techniques in Animal Nutrition indocrinology of Farm Animals hysiology of Lactation buantitative and Molecular Genetics of Farm Animals uminant Nutrition election Index and Mixed Model Methodology laughter House Planning and Management iochemical Genetics and Cytogenetics roposal Formulation and Scientific Writing invironmental Impact Assessment ood Microbiology ood and Nutritional Aspects of Food ood Regulations and Quality Management Systems  Second Semester  Pairy Engineering Meat Processing Technology Microbiology of Dairy, Meat, Fish and Egg Products laughter House By-Product Technology industrial Visits-Dairy and Meat Product Technology divances in Forage Production and Utilization unimal Biotechnology ivestock Breeding lon-Ruminant Animal Production uminant Livestock Production hrimp and Fish Processing unimal Quarantine, Welfare and Legislation unimal Food Safety vairy Sanitation and Hygiene ood Plant Layout and Operations roduction and Marketing Operations in Food Manufacturing organizations	rocuring, Processing and Marketing of Fluid Milk rocessing of Dairy Products oultry Meat Processing Technology iriected Study eminar aboratory Techniques in Animal Nutrition ndocrinology of Farm Animals 2 hysiology of Lactation 2 tuantitative and Molecular Genetics of Farm Animals 2 tuminant Nutrition 3 lelection Index and Mixed Model Methodology 3 laughter House Planning and Management 1 ciochemical Genetics and Cytogenetics 2 roposal Formulation and Scientific Writing 2 rod Microbiology 2 cod and Nutritional Aspects of Food 2 cod Regulations and Quality Management Systems 2 Second Semester  Pairy Engineering 2 Reat Processing Technology 2 Industrial Visits-Dairy and Meat Product Technology 1 dustrial Visits-Dairy and Meat Product Technology 1 dustrial Visits-Dairy and Meat Product Technology 3 lon-Ruminant Animal Production 3 uminant Livestock Production 3 uminant Livestock Production 4 lainy Botechnology 2 lairy Biotechnology 3 lon-Ruminant Animal Production 4 lairy Biotechnology 4 lairy Biotechnology 5 lon-Ruminant Animal Production 7 lairy Biotechnology 8 lon-Ruminant Animal Production 9 lon-Ruminant Food Safety 9 lairy Biotechnology 1 lairy B