

4 YEARS PROGRAMME COURSE STRUCTURE (8 SEMESTERS)

	Year 1	Year 2	Year 3	Year 4				
	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8

HG34 CROP PRODUCTION

Course Structure Session 2019/2020	HG34 CROP PRODUCTION									
	UNIVERSITY CORE (PROMOTION OF KNOWLEDGE) (12 Credit Hours)	UW00202 Islam and Asian Civilisation UE00X02 Soft Skills I UK00X02 Soft Skills II (6 Credit Hours)	UW00102 Ethnic Relations UCXXX02 Soft Skills III (4 Credit Hours)	UW00302 Fundamentals of Entrepreneurial Acculturation (2 Credit Hours)						
	UNIVERSITY CORE (LANGUAGE COURSE) (8 Credit Hours)	UBXXXXX Language (2 Credit Hours)	UBXXXXX Language (2 Credit Hours)	UBXXXXX Language (2 Credit Hours)	UBXXXXX Language (2 Credit Hours)					
	UNIVERSITY CORE (CO-CURRICULUM) (3 Credit Hours)	ECXXXX1 Co-Curriculum * ECXXXX3 (1 Credit Hour)	ECXXXX1 Co-Curriculum * ECXXXX3 (1 Credit Hour)	ECXXXX1 Co-Curriculum (1 Credit Hour)						

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	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8

HG34 CROP PRODUCTION

Course Structure Session 2019/2020	FACULTY CORE (63 Credit Hours)	RT10402 Introduction to Agriculture RT10303 Chemistry for Agriculture RT10503 Agricultural Ecology (8 Credit Hours)	RT10203 Genetics RT10403 Soil Science (6 Credit Hours)	RT20303 Agricultural Biotechnology RT20102 Organic Farming RT20101 Field Work (6 Credit Hours)	RT20203 Agricultural Microbiology RT20802 Industry Revolution and Biometry RT20603 Introduction to Agricultural Engineering (8 Credit Hours)	RT30302 Experimental Design and Analysis RT30202 Scientific Writing and Communication RT30301 Agroentrepreneurship Practice 1 (5 Credit Hours)	RT30103 Agricultural Extension RT30401 Agroentrepreneurship Practice 2 RT30402 Research Project 1 (6 Credit Hours)	RT40303 Agricultural Economics And Agribusiness RT40103 Precision Farming RT40402 Issues and Current Developments in Agriculture RT40204 Research Project 2 (12 Credit Hours)	RT40012 Industrial Training (12 Credit Hours)
	PROGRAMME CORE (42 Credit Hours)	RC10102 Plant Nutrition (2 Credit Hours)	RH10203 Plant Physiology (3 Credit Hours)	RH20303 Plant Propagation and Nursery Management RH20103 Plant Breeding (6 Credit Hours)	RC20203 Weed Science RC20403 Crop Pest Management RC20803 Pasture and Fodder Production (9 Credit Hours)	RC30103 Farm Mechanisation RC30303 Seed Technology RC30503 Plantation Crops RC30703 Plant Pathology (12 Credit Hours)	RC30402 Cereal Crops RC30602 Root Crops RC30802 Oil Palm Management (6 Credit Hours)	RC40202 Food Processing And Preservation RH40302 Post Harvest Technology (4 Credit Hours)	

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	Year 1		Year 2		Year 3		Year 4	
	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8

HG34 CROP PRODUCTION								
*ELECTIVES (6 Credit Hours)					Elective (2 Credit Hours)	Elective Elective (4 Credit Hours)		
TOTAL CREDIT HOURS (134 Credit Hours)	19	16	17	19	19	16	16	12

ELECTIVE COURSES	
RC30302	Farm Irrigation Systems
RC30502	Advanced Crop Science
RC30702	Soil Fertility Management
RC30902	Agricultural Entomology
RC31002	Soilless Culture
RC31102	Herbs and Spices Crops
RC31202	Legumes and Miscellaneous Crops
RC31302	Management of Small and Medium Industries
RC31402	Water Resource Management
RC31502	Plant Systematics
RC31602	Introduction to Aqua-Agri Entrepreneurship
RH30502	Plant Molecular Biology
RH30802	Plant Tissue Culture
RH30902	Controlled Environment Agriculture
RH31302	Mushroom Technology

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	Year 1		Year 2		Year 3		Year 4	
	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8

HG35 HORTICULTURE AND LANDSCAPING

Course Structure Session 2019/2020	HG35 HORTICULTURE AND LANDSCAPING								
	UNIVERSITY CORE (PROMOTION OF KNOWLEDGE) (12 Credit Hours)	UW00202 Islam and Asian Civilisation UE00X02 Soft Skills I UK00X02 Soft Skills II (6 Credit Hours)	UW00102 Ethnic Relations UCXXX02 Soft Skills III (4 Credit Hours)	UW00302 Fundamentals of Entrepreneurial Acculturation (2 Credit Hours)					
	UNIVERSITY CORE (LANGUAGE COURSE) (8 Credit Hours)	UBXXXXX Language (2 Credit Hours)	UBXXXXX Language (2 Credit Hours)	UBXXXXX Language (2 Credit Hours)	UBXXXXX Language (2 Credit Hours)				
	UNIVERSITY CORE (CO-CURRICULUM) (3 Credit Hours)	ECXXXX1 Co-Curriculum * ECXXXX3 (1 Credit Hour)	ECXXXX1 Co-Curriculum * ECXXXX3 (1 Credit Hour)	ECXXXX1 Co-Curriculum (1 Credit Hour)					

4 YEARS PROGRAMME COURSE STRUCTURE (8 SEMESTERS)

	Year 1		Year 2		Year 3		Year 4	
	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8

HG35 HORTICULTURE AND LANDSCAPING

Course Structure Session 2019/2020	FACULTY CORE (63 Credit Hours)	RT10402 Introduction to Agriculture RT10303 Chemistry for Agriculture RT10503 Agricultural Ecology (8 Credit Hours)	RT10203 Genetics RT10403 Soil Science (6 Credit Hours)	RT20303 Agricultural Biotechnology RT20102 Organic Farming RT20101 Field Work (6 Credit Hours)	RT20203 Agricultural Microbiology RT20802 Industry Revolution and Biometry RT20603 Introduction to Agricultural Engineering (8 Credit Hours)	RT30302 Experimental Design and Analysis RT30202 Scientific Writing and Communication RT30301 Agroentrepreneurship Practice 1 (5 Credit Hours)	RT30103 Agricultural Extension RT30401 Agroentrepreneurship Practice 2 RT30402 Research Project 1 (6 Credit Hours)	RT40303 Agricultural Economics and Agribusiness RT40103 Precision Farming RT40402 Issues and Current Developments in Agriculture RT40204 Research Project 2 (12 Credit Hours)	RT40012 Industrial Training (12 Credit Hours)
	PROGRAMME CORE (42 Credit Hours)	RC10102 Plant Nutrition (2 Credit Hours)	RH10203 Plant Physiology (3 Credit Hours)	RH20103 Plant Breeding RH20303 Plant Propagation and Nursery Management (6 Credit Hours)	RC20203 Weed Science RC20403 Crop Pest Management RH20603 Turf Management (9 Credit Hours)	RC30103 Farm Mechanisation RH30302 Olericulture RH30503 Horticulture Landscaping RC30703 Plant Pathology (11 Credit Hours)	RH30602 Floriculture And Ornamentals RH30803 Landscape Horticulture RH31002 Pomology (7 Credit Hours)	RH40302 Post Harvest Technology RH40202 Garden Planning and Management (4 Credit Hours)	

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	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8

HG35 HORTICULTURE AND LANDSCAPING

	*ELECTIVES (6 Credit Hours)					Elective (2 Credit Hours)	Elective Elective (4 Credit Hours)		
TOTAL CREDIT HOURS (134 Credit Hours)		19	16	17	19	18	17	16	12

ELECTIVE COURSES

RH30502	Plant Molecular Biology
RH30702	Food Bioprocessing
RH30802	Plant Tissue Culture
RH30902	Controlled Environment Agriculture
RH31102	Landscape Construction and Management
RH31302	Mushroom Technology
RC30302	Farm Irrigation Systems
RC30702	Soil Fertility Management
RC30902	Agricultural Entomology
RC31002	Soilless Culture
RC30303	Seed Technology
RC31302	Management of Small and Medium Industries
RC31402	Water Resource Management
RC31502	Plant Systematics
RC31602	Introduction to Aqua-Agri Entrepreneurship
RC31102	Herbs and Spices Crops

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	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8

HG36 LIVESTOCK PRODUCTION									
Course Structure Session 2019/2020	UNIVERSITY CORE (PROMOTION OF KNOWLEDGE) (12 Credit Hours)	UW00202 Islam and Asian Civilisation UE00X02 Soft Skills I UK00X02 Soft Skills II (6 Credit Hours)	UW00102 Ethnic Relations UCXXX02 Soft Skills III (4 Credit Hours)	UW00302 Fundamentals of Entrepreneurial Acculturation (2 Credit Hours)					
	UNIVERSITY CORE (LANGUAGE COURSE) (8 Credit Hours)	UBXXXXX Language (2 Credit Hours)	UBXXXXX Language (2 Credit Hours)	UBXXXXX Language (2 Credit Hours)	UBXXXXX Language (2 Credit Hours)				
	UNIVERSITY CORE (CO-CURRICULUM) (3 Credit Hours)	ECXXXX1 Co-Curriculum * ECXXXX3 (1 Credit Hour)	ECXXXX1 Co-Curriculum * ECXXXX3 (1 Credit Hour)	ECXXXX1 Co-Curriculum (1 Credit Hour)					

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	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8

HG36 LIVESTOCK PRODUCTION

Course Structure Session 2019/2020	HG36 LIVESTOCK PRODUCTION								
	FACULTY CORE (63 Credit Hours)	RT10402 Introduction to Agriculture RT10303 Chemistry for Agriculture RT10503 Agricultural Ecology (8 Credit Hours)	RT10203 Genetics RT10403 Soil Science (6 Credit Hours)	RT20303 Agricultural Biotechnology RT20102 Organic Farming RT20101 Field Work (6 Credit Hours)	RT20203 Agricultural Microbiology RT20802 Industry Revolution and Biometry RT20603 Introduction to Agricultural Engineering (8 Credit Hours)	RT30302 Experimental Design and Analysis RT30202 Scientific Writing And Communication RT30301 Agroentrepreneurship Practice 1 (5 Credit Hours)	RT30103 Agricultural Extension RT30401 Agroentrepreneurship Practice 2 RT30402 Research Project1 (6 Credit Hours)	RT40303 Agricultural Economics And Agribusiness RT40103 Precision Farming RT40402 Issues and Current Developments in Agriculture RT40204 Research Project 2 (12 Credit Hours)	RT40012 Industrial Training (12 Credit Hours)
	PROGRAMME CORE (43 Credit Hours)	RL10303 Introduction to Livestock Production (3 Credit Hours)	RL10404 Animal Anatomy and Physiology (4 Credit Hours)	RL20103 Animal Breeding RL20603 Animal Nutrition (6 Credit Hours)	RL20403 Animal Behaviour and Welfare RL20803 Pasture and Fodder Production RL21203 Poultry Production (9 Credit Hours)	RL31103 Small Ruminant Production RL30303 Monogastric Livestock Production RL30503 Livestock Feed Processing (9 Credit Hours)	RL30403 Beef and Dairy Production RL30603 Animal Disease and Health Care (6 Credit Hours)	RL40103 Handling and Processing of Livestock Products RL40703 Livestock Waste Management (6 Credit Hours)	

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HG36 LIVESTOCK PRODUCTION									
*ELECTIVES (6 Credit Hours)						Elective (2 Credit Hours)	Elective Elective (4 Credit Hours)		
TOTAL CREDIT HOURS (135 Credit Hours)	20	17	17	19	16	16	18	12	

ELECTIVE COURSES	
RL30402	Livestock Selection and Evaluation
RL30502	Integrated Farming Systems
RL30602	Livestock Housing Systems
RL30702	Animal Environmental Physiology
RL30902	Alternative Animals
RL31002	Animal Biotechnology