

Postgraduate Degree Programs

Faculty	Department/ Section	PROGROAMS	SUBJECTS	Eligibility Criteria
Faculty of Agriculture and Environmental Science	Department of Agronomy	Master of Science (Hons)	• Agronomy	<ul style="list-style-type: none"> • B.Sc. (Hons.) Agri. with major in relevant field of study from any HEC recognized university / DAIs. • At least Second Division or CGPA not less than 2.50 / 4.00.
	Institute of Plant Protection		• Entomology	
	Department of Horticulture		• Horticulture	
	Faculty of Food and Home Sciences		Department of Food Science & Technology	
Faculty of Agriculture and Environmental Science	Institute of Plants Protection		• Postharvest Management Technology	
Faculty of Agriculture and	Institute of Plant Breeding and Biotechnology		• Plant Breeding & Genetics	

Environmental Science	Institute of Plant Protection		• Plant Pathology	
	Department of Soil and Environmental Sciences		• Soil Science	
	Department of Agronomy		• Weed Science	
Faculty of Food and Home Sciences	Department of Human Nutrition and Dietetics		Human Nutrition and Dietetics	
Faculty of Social Science and Humanities	Department of Agribusiness and Applied Economics	Master of Science (Hons.)	• Agriculture Economics	<ul style="list-style-type: none"> • B.Sc. (Hons.) Agricultural Economics / B.Sc. (Hons.) Agriculture and Resource Economics / BBA Agribusiness / BS Agribusiness and Marketing • At least Second Division or CGPA not less than 2.50 / 4.00

Faculty of Veterinary and Animal Sciences	Department of Fisheries and Aquaculture	Master of Science (MS)	<ul style="list-style-type: none"> • Zoology 	<ul style="list-style-type: none"> • A candidate must have BS/BSc (Hons)/ MSc Zoology or equivalent degree with minimum CGPA 2.50/4.00 2nd Division.
Faculty of Agriculture and Environmental Science	Institute of Plant Breeding and Biotechnology	Master of Science (Hons.)	<ul style="list-style-type: none"> • Biotechnology 	<ul style="list-style-type: none"> • B.Sc. (Hons.) Agriculture with all majors/ BS or M.Sc. in relevant subject from HEC recognized Universities/DAIs. (Deficiency courses will be offered to the admitted students on the recommendation of the department if required) • At least Second Division or CGPA not less than 2.50 / 4.00.
Faculty of Agriculture and Environmental Science	Institute of Plant Breeding and Biotechnology	Master of Science (Hons)	Seed Science and Technology	<ul style="list-style-type: none"> • B.Sc. (Hons.) with major in Seed Science and Technology, Agronomy, Entomology, Food Science & Technology, Horticulture, Plant Breeding & Genetics, Soil Science, Biotechnology, Plant Pathology, from HEC recognized Universities/DAIs. (Deficiency courses will be offered to the admitted students on the recommendation of the department if required) • At least Second Division/CGPA not less than 2.50 / 4.00.
Faculty of Agriculture and Environmental Science	Department of Soil and Environmental Sciences	Master of Science (Hons)	Climate Change	<ul style="list-style-type: none"> • Sixteen years of Education in any of the following disciplines: Agricultural Sciences (All majors)/ B.Sc. (Hons.) Soil and Environmental Sciences/ Agri. Engineering/Environmental Engineering/ Environmental Sciences, /Agri. Economics / Food Science and Technology/ Dairy Technology/ Dairy Science and Technology/ DVM / Animal Husbandry/ Poultry Sciences/

				<p>Fisheries/ Agri. Business with minimum CGPA: 2.50/4.00 or at least 2nd division.</p> <ul style="list-style-type: none"> (Deficiency courses will be offered to the admitted students on the recommendation of the department if required)
Faculty of Social Science and Humanities	Department of Agribusiness and Applied Economics	Master of Science (Hons.)	Agriculture Economics	<ul style="list-style-type: none"> B.Sc. (Hons.) Agricultural Economics / B.Sc. (Hons.) Agriculture and Resource Economics / BBA Agribusiness / BS Agribusiness and Marketing At least Second Division or CGPA not less than 2.50 / 4.00
Faculty of Social Science and Humanities	Department of Outreach	Master of Science (Hons)	Agricultural Extension	<ul style="list-style-type: none"> A minimum CGPA of 2.50 out of 4.0 in semester system with 4 years Bachelor B.Sc. (Hons) Agriculture Extension or any major of Agriculture. Student having B.Sc. (Hons) Agriculture other than Agricultural Extension major will have enroll deficiency courses as per recommendation of supervisory committee with approval of BoS. Entry test requirement as per University policy. Total Credit Hours: As per HEC policy.
Faculty of Agricultural, Biosystem Engineering and Technology	Department of Agricultural Engineering	Master of Science (Hons)	Agro-Industrial Engineering Technology	<ul style="list-style-type: none"> Four years Bachelor's degree in Agro-Industrial Engineering Technology, Industrial Engineering Technology, Chemical Engineering Technology, Mechanical Engineering Technology, Food Science and Technology, Energy Engineering Technology and Industrial Engineering, Industrial Manufacturing Engineering, Industrial Engineering Management,

				<p>Agricultural Engineering, Chemical Engineering, Mechanical Engineering, Energy Systems/Energy Engineering, Environmental Engineering, Food Engineering from HEC recognized University/Institute.</p> <ul style="list-style-type: none"> Minimum CGPA of 2.50 out of 4.0 in four-year bachelor's degree programs. Students from the annual system must have a minimum score of 60%. The percentage score will be considered only if the CGPA is not recorded/mentioned on the transcript.
Faculty of Agricultural, Biosystem Engineering and Technology	Department of Agricultural Engineering	Master of Science (Hons)	Energy System Engineering	<ul style="list-style-type: none"> Eligibility Criteria for Master of Science (Honours) Energy Systems Engineering Entry/Admission Requirement All four year Engineering Programs accredited by Pakistan Engineering Council Minimum CGPA of 2.50 out of 4.00 and Student from annual system have minimum score of 60% Entry Test: NTS GAT (General) test or by University as per MNSUAM policy
Faculty of Agricultural, Biosystem Engineering and Technology	Department of Agricultural Engineering	Master of Science (Honours)	Agricultural Engineering	<ul style="list-style-type: none"> Four years bachelor's degree in Agricultural/Civil/Mechanical/ Water Resource Engineering from HEC recognized University/ Institute. Minimum CGPA of 2.50 out of 4.0 in bachelor's degree programs. Student from annual system must have minimum score of 60%. The percentage score will be considered only if the CGPA is not recorded/mentioned on the transcript.

Faculty of Social Science and Humanities	Department of Computer Science	Master of Science (MS)	Computer Science	<ul style="list-style-type: none"> • BS(CS) 4-Years Degree Program (minimum 130 credit hours), or Computer Science Conversion Course 2 Years Degree Program referred to as “MCS” or M.Sc. (Computer Science). • BCS 3-Years Degree Program-Student will be required to complete the deficiency of difference of total earned credit hours and 130 credit hours. • Candidates having Computer Engineering/Bachelor of Science in Software Engineering / Bachelor of Science in Information Technology / Bachelor of Engineering in Information Technology / Bachelor of Engineering (Computer & Information System) / B.Sc. Computer System Engineering (16-year education) and MIT are also eligible but have to qualify deficiency course(s). Deficiency courses will be offered to admitted students by the departmental committee in the light of HEC guidelines. • All degrees should be from HEC recognized Universities/DAIs. • At least Second Division/CGPA not less than 2.50 / 4.00.

Faculty of Social Science and Humanities	Department of Agribusiness and Applied Economics	Master of Science (MS)	(Management-Agribusiness Specialization)	<ul style="list-style-type: none"> • BBA (Agribusiness)/B.Sc. (Hons.) Agricultural Economics / Agricultural and Resource Economics, Marketing and Agribusiness Major. (Four years degree programs) • MBA (Agri. Business) (two years degree program) • M.Sc. (Economics) (with deficiency courses of one semester as decided by the department) • General BBA (4-year) (with deficiency courses of one semester as decided by the department) • B. Sc. (Hons.) Agri. (all other majors)/ B. Sc. (Hons.) A.H./ DVM/ B. Sc. (Hons.) Food Sciences/ B. Sc. (Hons.) Agri. Engineering (with deficiency courses of one semester as decided by the department). • BS Agribusiness and Marketing (4-year degree program). • All degrees should be from HEC recognized Universities/DAIs. • At least Second Division/CGPA not less than 2.50 / 4.00.
Faculty of Veterinary and Animal Sciences	Department of Poultry Science	Master of Science (MS)	Poultry Science	<ul style="list-style-type: none"> • B.Sc. (Hons.)/ BS Poultry Science, B.Sc. (Hons.) Agriculture Sciences with Animal Sciences as major subject, B.Sc. (Hons.) Animal Sciences or DVM (registered with veterinary council) with 2.5/4.00 CGPA or 2nd Division

Faculty of Veterinary and Animal Sciences	Department of Fisheries and Aquaculture	Master of Science (MS)	Fisheries and Aquaculture	<ul style="list-style-type: none"> A candidate must have BS /B.Sc. (Hons.)/ M.Sc. Zoology, Marine Sciences, Applied Microbiology, Biotechnology, B.Sc. (Hons) Animal Sciences, DVM(registered with veterinary council) or *equivalent degree with minimum CGPA 2.5/4.00. or 2nd Division <p>* Equivalence status will be determined by the department</p>
Faculty of Veterinary and Animal Sciences	Department of Patho Biology	Master of Science (MS)	Public Health	<ul style="list-style-type: none"> DVM (registered with veterinary council), BSc (Hons)/ BS in Animal Sciences/Human Nutrition and Dietetics/ Food Technology/ Microbiology/Biochemistry/ Zoology or equivalent degree with 2.5/4.00 CGPA MBBS/BDS (registered with PMDC)- (16 years) BS/B.Sc. (16-years) in Nursing, Pharm-D or *equivalent (Registered with Pharmacy Council) B.Sc. Paramedic (4-Yrs), BS Physiotherapy or *equivalent. BS/MSc. Social Sciences (Sociology, psychology/Anthropology), BS Environmental Science/ BS Poultry Science, MBA At least Second Division/CGPA not less than 2.50 / 4.00. <p>* Equivalence status will be determined by the department</p>
Faculty of Agriculture and Environmental Science	Department of Agronomy	Doctor of Philosophy (PhD)	<ul style="list-style-type: none"> Agronomy 	<ul style="list-style-type: none"> M.Sc. (Hons.) / M.Phil. / MS (18 years of education) in relevant subject from HEC recognized Universities/DAIs. First Division/CGPA not less than 3.0/4.0
	Institute of Plant Protection		<ul style="list-style-type: none"> Entomology 	

	Department of Horticulture		<ul style="list-style-type: none"> • Horticulture 	<ul style="list-style-type: none"> • A Research proposal.
Faculty of Food and Home Sciences	Department of Food Science & Technology		<ul style="list-style-type: none"> • Food Science & Technology 	
Faculty of Agriculture and Environmental Science	Institute of Plant Breeding and Biotechnology		<ul style="list-style-type: none"> • Plant Breeding & Genetics 	
	Institute of Plant Protection		<ul style="list-style-type: none"> • Plant Pathology 	
	Department of Soil and Environmental Sciences		<ul style="list-style-type: none"> • Soil Science 	
Faculty of Food and Home Sciences	Department of Human Nutrition and Dietetics		Human Nutrition and Dietetics	
Faculty of Social Science and Humanities	Department of Agribusiness and Applied Economics		<ul style="list-style-type: none"> • Agriculture Economics 	

Faculty of Agriculture and Environmental Science	Institute of Plant Breeding and Biotechnology		<ul style="list-style-type: none"> • Biotechnology 	
Faculty of Veterinary and Animal Sciences	Department of Fisheries and Aquaculture		<ul style="list-style-type: none"> • Zoology 	
Faculty of Agriculture and Environmental Science	Institute of Plant Breeding and Biotechnology		<ul style="list-style-type: none"> • Seed Science and Technology 	
Faculty of Social Science and Humanities	Department of Computer Science		<ul style="list-style-type: none"> • Computer Science 	<ul style="list-style-type: none"> • To be eligible for admission in PhD, a candidate shall possess MS/ MPhil degree in (Computer Science, Information Technology, Software Engineering Data Science, Information Security, Artificial Intelligence. Computer & Information System and Engineering) subject from a recognized university with a minimum CGPA of 3.00 in Semester System and 70% in Annual System. • The PhD student prior to admission must qualify

				<p>with at least 60% score in NTS GAT Subject Test or should have scored International GRE Subject test with 60% percentile or must qualify departmental test with at least 70% score.</p> <ul style="list-style-type: none">• Any other requirement recommended by HEC or approved by the department.
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