

**PRE-REQUISITE M.PHIL / PH.D
2025 (Fall) ADMISSIONS**

S.No	Name of Discipline	PRE-REQUISITE FOR	
		M.Phil. Programs	Ph.D. Programs
1.	BIOCHEMISTRY	BS (Hons.) M.Sc in Biochemistry; Biological Science (Biotechnology, Microbiology, Food and Nutrition Technology, Zoology, Botany, Physiology, Bioinformatics,) / MBBS, Medical & Health Sciences, Pre-Admission Test and Interview.	MS / M.Phil in Biochemistry, Biological Science (Biotechnology, Microbiology, Food and Nutrition Technology, Zoology, Botany, Physiology, Bioinformatics) / Medical & Health Sciences & Valid GRE/HAT (Subject) Test Result.
2.	BIOTECHNOLOGY	BS / M.Sc in Biotechnology, Biological Science (Biochemistry, Microbiology, Food and Nutrition Technology, Zoology, Botany, Physiology, Bioinformatics, Chemistry etc.) / Medical & Health Sciences (Medicine, Surgery, Anatomy, Physiology, Pharmacology, Pathology, Physiotherapy, Ophthalmology, Psychiatry) and Agriculture & Veterinary Sciences; Pre-Admission Test and Interview.	MS / M.Phil in Biotechnology, Biological Sciences (Biochemistry, Microbiology, Food and Nutrition Technology, Zoology, Botany, Physiology, Bioinformatics, Chemistry) / Medical & Health Sciences (Medicine, Surgery, Anatomy, Physiology, Pharmacology, Pathology, Physiotherapy, Ophthalmology, psychiatry, gastroenterology) and Agriculture & Veterinary Sciences; & Valid GRE/HAT (Subject) Test Result.
3.	BOTANY	BS (Hons.) M.Sc in Botany; Pre-Admission Test and Interview.	MS / M.Phil in Botany & Valid GRE/HAT (Subject) Test Result.
4.	BOTANY / PLANT SCIENCE	Master / 4 Years Graduation in Botany or relevant field; Pre-Admission Test and Interview.	MS / M.Phil Botany, & Valid GRE/HAT (Subject) Test Result.
5.	BUSINESS ADMINISTRATION	MBA / BBA (Hons.); Pre-Admission Test and Interview.	-
6.	CHEMISTRY	BS (Hons.) M.Sc in Chemistry / Analytical Chemistry, Organic Chemistry, Inorganic Chemistry, Physical Chemistry, Chemical Engineering, Industrial Chemistry, Applied Chemistry; Pre-Admission Test and Interview.	MS / M.Phil Analytical Chemistry, Organic Chemistry, Inorganic Chemistry, Physical Chemistry, Chemical Engineering, Industrial Chemistry, Applied Chemistry & Valid GRE/HAT (Subject) Test Result.
7.	COMMERCE	Master Degree / 04 years Bachelors in Commerce, Business Administration, Economics, Public Administration, Economics & Finance, Banking & Finance, Accounting & Finance, Forensic Accounting & Fraud Examination; Pre-Admission Test & Interview	MS / M.Phil Commerce, Business Administration, Economics, Public Administration, Economics & Finance, Banking & Finance, Accounting & Finance, Forensic Accounting & Fraud Examination; & Valid GRE/HAT (Subject) Test Result.
8.	COMPUTER SCIENCE	BS / MCS/ M.Sc in Artificial Intelligence, Computer Science, Cyber Security, Data Science, Software Engineering, Information Technology; Pre-Admission Test and Interview.	MS / M.Phil in Artificial Intelligence, Computer Science, Cyber Security, Data Science, Software Engineering, Information Technology; Bioinformatics; & Valid GRE/HAT (Subject) Test Result.

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9.	DATA SCIENE	BS (Hons.) M.Sc in Information Technology, Software Engineering, Computer Science, Electronics, Telecommunication, Statistics or Mathematics and B.E /BSc (Engineering) in Electrical Engineering, Electronic Engineering, Computer Systems Engineering, Telecommunication Engineering or relevant discipline (16-years education); Pre-Admission Test and Interview.	-
10.	DEVELOPMENT STUDIES	Master Degree / 04 years in Development Studies or relevant field; Pre-Admission Test and Interview.	MS / M.Phil Degree in Development Studies; & Valid GRE/HAT (Subject) Test Result.
11.	ECONOMICS	Master Degree / 04 years Bachelors Degree in Economics, Commerce, Business Administration, Rural Development, Agriculture Economics, Policy Studies, Management Science; Pre-Admission Test and Interview.	MS / M.Phil Degree in Economics, Commerce, Business Administration, Rural Development, Agriculture Economics, Policy Studies, Management Science; & Valid GRE/HAT (Subject) Test Result.
12.	EDUCATION	-	MS / M.Phil Education, & Valid GRE/HAT (Subject) Test Result.
13.	ELECTRONICS	Master / 4 Year Graduation in Electronics or relevant field; Pre-Admission Test and Interview.	-
14.	ENGLISH LINGUISTICS	-	M.Phil English Linguistic or equivalent qualification Pre-Admission Test and Valid GRE/HAT (Subject) Test Result.
15.	ENVIRONMENTAL SCIENCE	BS / M.Sc in Environmental Science, Energy and Environmental Engineering, Chemical Engineering, Marine Biology, Integrated Water Resources Management, Geographical Information System, Plant Science, Animal Science, Geography, Geology, Physiology, Freshwater Biology and Fisheries, Chemistry, Physics, Microbiology, Biochemistry, Biotechnology, Soil Science, Agriculture Sciences or any other relevant field from an accredited educational institution; Pre-Admission Test.	MS / M.Phil. or its equivalent degree in the relevant fields Environmental Sciences, Energy and Environmental Engineering, Chemical Engineering, Marine Biology, Integrated Water Resources Management, Geographical Information System, Plant Science, Animal Science, Geography, Geology, Physiology, Freshwater Biology and Fisheries, Chemistry, Physics, Microbiology, Biochemistry, Biotechnology, Soil Science, Agriculture Science, from an accredited educational institution. & valid GRE/GAT (Subject) Test result.
16.	FAR EAST ASIAN STUDY	4-year Bachelor's degree of a university/institute recognized by the Higher Education Commission, Pakistan, in Political Science, Economics, Sociology, or International Relations (DSS, Peace & Conflict	M.Phil./MS degree (18 Years Education) of a university/institute recognized by the Higher Education Commission, Pakistan, in Far East Asian Studies, Political Science, Economics, Sociology, or International Relations (DSS, Peace

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		M.Phil. Programs	Ph.D. Programs
		Studies, etc.); Pre-Entry Test and Interview	& Conflict Studies, etc.). & valid GRE/HAT (Subject) Test result.
17.	FRESH WATER BIOLOGY	BS/ M.Sc. in Freshwater Biology & Fisheries; Fisheries Sciences, Aquatic Sciences, Aquaculture, Biological Sciences (Zoology, Botany), Environmental Sciences, Marine and Coastal Sciences; Pre-Admission Test and Interview.	MS / M.Phil in Fresh Water Biology, Aquatic Sciences, Aquaculture, Biological Sciences (Zoology, Botany), Environmental Sciences, Marine and Coastal Sciences; Valid GRE/HAT (Subject) Test Result.
18.	GENDER STUDIES	BS 04-years Program M.A / M.Sc. in relevant discipline e.g. Rural Development, Development Studies, Economics, Agricultural Economics, Sociology, Social Work, Gender Studies, Political Science, Public Administration & Pre-Entry Test	MS / M.Phil in relevant discipline e.g. Rural Development, Development Studies, Economics, Agricultural Economics, Sociology, Social Work, Gender Studies, Political Science, Public Administration; Valid GRE/HAT (Subject) Test Result.
19.	GENETICS	BS /M.Sc Genetics / Biological Sciences (Zoology, Botany, Physiology, Microbiology), Medical & Health Sciences; Pre-Admission Test and Interview.	M.Phil in Genetics, / Biological Sciences (Zoology, Botany, Physiology, Microbiology) / Medical & Health Sciences (Medicine, Surgery, Anatomy, Physiology, Pharmacology, Pathology, Physiotherapy, Ophthalmology, Psychiatry, Gastroenterology etc.) and Agriculture & veterinary Sciences; & Valid GRE/HAT (Subject) Test Result.
20.	GEOGRAPHY	BS 4 years / M.Sc. in Geography form HEC recognized institutes / universities; Pre-Entry Test	-
21.	GEOLOGY	BS /M.Sc Geology, Geophysics, Geography; Pre-Admission Test and Interview.	MS / M.Phil Geology/Geophysics, Petroleum & Geo Sciences; & Valid GRE/HAT (Subject) Test Result.
22.	HISTORY	BS /M.Sc General History / History, Muslim History, Political Science, International Relations Anthropology and Archeology, Pakistan Studies; Pre-Admission Test and Interview.	MS / M.Phil General History / History, Muslim History, Political Science, International Relations Anthropology and Archeology, Pakistan Studies; & Valid GRE/HAT (Subject) Test Result.
23.	INFORMATION TECHNOLOGY	Master / 4 Year Graduation in Information Technology or relevant discipline, Pre-Entry Test and Interview	MS / M.Phil Information Technology; & Valid GRE/HAT (Subject) Test Result.
24.	INTERNATIONAL RELATIONS	Master Degree / 04 years Bachelor Degree in International Relations, Political Studies, Political Science, Strategic Studies, Peace & Conflict, Defense and Diplomatic Studies, Art of Science and Warfare, Military Academic Sciences from HEC recognized university; Pre-Entry Test and Interview	MS / M.Phil in International Relations, Political Studies, Political Science, Strategic Studies, Peace & Conflict, Defense and Diplomatic Studies, Art of Science and Warfare, Military Academic Sciences & Valid GRE/HAT (Subject) Test Result.

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25.	ISLAMIC CULTURE	-	-
26.	MATHEMATICS	-	MS / M.Phil in Mathematics, & Valid GRE/HAT (Subject) Test Result.
27.	MEDIA & COMMUNICATION STUDIES	M.A/BS 04 years degree in Journalism, Mass communication or Media Sciences, Development Communication; Pre-Admission Test and Interview.	MS / M.Phil. in Journalism, Mass Communication, Media Sciences, Development Communication & Valid GRE/HAT (Subject) Test Result.
28.	MICROBIOLOGY	BS/M.Sc in Microbiology, Biotechnology, Pharmacy, Veterinary Microbiology & Medical Laboratory Technology and MBBS & Pre-Admission Test and Interview.	MS / M.Phil in Microbiology & Valid GRE/HAT (Subject) Test Result.
29.	NUTRITION AND FOOD TECHNOLOGY	BS/M.Sc in Nutrition and Food Technology; Biological Science (Biochemistry, Biotechnology, Microbiology, Zoology, Botany, Physiology, Bioinformatics,) / MBBS, Medical & Health Sciences, Home Economics; Pre-Admission Test and Interview.	MS / M.Phil in Nutrition and Food Technology & Valid GRE/HAT (Subject) Test Result.
30.	PETROLEUM & GEO SCIENCES	BS / M.Sc Geology, Geophysics, Geography; Pre-Admission Test and Interview.	-
31.	PHARMACEUTICAL CHEMISTRY	Pharm.D / B.Pharmacy, and relevant discipline; Pre-Admission Test and Interview.	-
32.	PHARMACEUTICS	Pharm.D / B.Pharmacy, and relevant discipline; Pre-Admission Test and Interview.	MS / M.Phil in Pharmaceutics or equivalent in relevant discipline & valid GRE/HAT (Subject) Test result.
33.	PHARMACOGONOS Y	Pharm.D / B.Pharmacy, M.B.B.S / B.D.S, M.Pharm; Pre-Admission Test and Interview.	-
34.	PHARMACY PRACTICE	-	MS / M.Phil in Pharmacy Practice; & valid GRE/HAT (Subject) Test result.
35.	PHYSICS	BS / M.Sc Physics; Pre-Admission Test and Interview.	MS / M.Phil in Physics; & valid GRE/HAT (Subject) Test result.
36.	PHYSIOLOGY	BS (4 Year), M.Sc (Pass) in Physiology, Medical Laboratory Technology (MLT), MBBS or any other subject where Physiology has been taught for 2 years (i.e. Physiotherapy/Nursing); Pre-Admission Test and Interview.	-
37.	POLITICAL SCIENCE	M.A / M.Sc / B.S (4-Years) Degree or its equivalent in Political Science, Government and Public Policy, International Relations, Diplomatic	M.S./M.Phil. in Political Science, International Relations, History, Public Administration, Defense and Strategic

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		M.Phil. Programs	Ph.D. Programs
		Studies and Pakistan Studies; Pre-Entry Test & Interview	Studies & valid GRE/HAT (Subject) Test result.
38.	PSYCHOLOGY	-	MS / M.Phil Psychology, & Valid GRE/HAT (Subject) Test Result.
39.	PUBLIC ADMINISTRATION	BS / M.A / M.Sc in Public Administration, Commerce, Business Administration, Political Science, Economics, sociology or Public Policy; Pre-Admission Test and Interview.	MS / M.Phil in Public Administration, Commerce, Business Administration, Political Science, Economics, Sociology, Public Policy, Public Health, Leadership and Management; & Valid GRE/HAT (Subject) Test Result.
40.	SINDHI	-	MS / M.Phil in Sindhi, & Valid GRE/HAT (Subject) Test Result.
41.	SOCIAL WORK	BS / M.A / M.Sc. in Social Work, Sociology, Psychology, Gender Studies, Development Studies, Criminology, Disaster Management, Rural Sociology, Political Science, International Relation, Communication for Rural Development, Mass Communication, Anthropology, Government and Public Policy, Social Security and Policy, or Economics; Pre-Admission Test and Interview.	-
42.	SOCIOLOGY	BS / M.A / M.Sc. in Sociology, Anthropology, Criminology, Social Work, Gender Studies, Home Economics, Public Health, Epidemiology, Community Medicine, Development Studies, or Psychology; Pre-Admission Test and Interview.	MS / M.Phil / M.P.H / M.Sc (18-Years) in Sociology, Anthropology, Criminology, Gender Studies, Social Work, Public Health, Epidemiology or Community Medicine, & Valid GRE/HAT (Subject) Test Result.
43.	SOFTWARE ENGINEERING	Master / 4 Years Graduation in Software Engineering or relevant field; Pre-Admission Test and Interview.	-
44.	STATISTICS	BS (04 Years Program) and M.Sc. in Statistics, Mathematics and relevant fields (i.e. Economics, Commerce, Business Administration etc.); Pre-Admission Test and Interview.	MS / M.Phil Statistics, & Valid GRE/HAT (Subject) Test Result.
45.	TELECOMMUNICATION	Master / 4 Years Graduation in Telecommunication or relevant field; Pre-Admission Test and Interview.	-
46.	ZOOLOGY	-	MS / M.Phil Zoology, & Valid GRE/HAT (Subject) Test Result.