GRADUATE STUDIES CALENDAR

2025-26







UNIVERSITY OF
AGRICULTURE
FAISALABAD- PAKISTAN

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KEY PERSONS

Name	Designation	Phone/E-mail address
Prof. Dr. Zulfiqar Ali	Vice Chancellor	041-9200200, 041-9200161-69 Ext. 2001-03 / vc@uaf.edu.pk
Prof. Dr. Muhammad Sarwar Khan	Pro-Vice Chancellor	041-9200161-69
Prof. Dr. Ghulam Murtaza	Dean, Faculty of Agriculture	041-9200581
Prof. Dr. Anjum Munir	Dean, Faculty of Agri. Engineering and Technology	041-9200194
Prof. Dr. Muhammad Shahid Mahmood	Dean, Faculty of Veterinary Science	041-9200725
Prof. Dr. Muhammad Qamar Bilal	Dean, Faculty of Animal Husbandry	041-9200195
Prof. Dr. Waqas Wakil	Dean, Faculty of Social Sciences	041-9200196
Prof. Dr. Amir Jamil	Dean, Faculty of Sciences	041-9200197
Prof. Dr. Imran Pasha	Dean, Faculty of Food, Nutrition and Home Sciences	041-9201105
Prof. Dr. Rao Zahid Abbas	Dean, Faculty of Health and Pharmaceutical Sciences	0419200161 - Ext. 3145
Prof. Dr. Shazia Ramzan	Dean, Faculty of Art and Huminities	041-9200161 - Ext. 3321
Prof. Dr. Muhammad Imran Arshad	Director, Office of Research, Innovation and Commercialization	041-9200183
Dr. Nazia Ehsan	Director FA&UA	041-9200351
Prof. Dr Anwar-ul-Haq	Chief Hall Warden (Male)	041-9200190
Prof. Dr. Nadeem Abbas	Director Student Affairs	041-9200645
Mr. Tariq Mahmud Gill	Director, HR	041-9200161
Prof. Dr. Asif Kamran	Registrar	041-9200187
Syed Zeeshan Ishfaq Bukhary	Treasurer	041-9200202
Mr. Muhammad Tariq	Controller of Examinations	041-9200191
Mr. Muzaffar Hussain Salik	Principal Officer (Publications)	041-9201820 - Ext. 3444
Mr. Muhammad Jahanzaib Tariq	Principal Officer (PR)	041-9200583
Dr. Muhammad Khalid Bashir	Director Graduate Studies	041-9200189 / dgs@uaf.edu.pk

MEMBERS OF GRADUATE STUDIES AND RESEARCH BOARD

- Vice Chancellor, University of Agriculture, Faisalabad (Chairman)
- Dean, Faculty of Agriculture
- Dean, Faculty of Social Sciences
- Dean, Faculty of Agricultural Engineering and Technology
- Dean, Faculty of Veterinary Science
- Dean, Faculty of Animal Husbandry
- Dean, Faculty of Sciences
- Dean, Faculty of Food, Nutrition and Home Sciences
- Dean, Faculty of Health and Pharmaceutical Sciences
- Dean, Faculty of Arts and Huminities
- Director General, National Institute of Food Sciences and Technology
- Director, Institute of Horticultural Sciences
- Director, Institute of Soil and Environmental Sciences
- Director, Center of Agriculture Biochemistry and Biotechnology (CABB)
- Director, Institute of Dairy and Animal Sciences
- Director, Institute of Microbiology
- Director, Institute of Pharmacy, Physiology and Pharmacology
- Director, Institute of Business Management Sciences
- Director, Institute of Agricultural Extension and Rural Development
- Director, Institute of Agricultural and Resource Economics
- Director, Institute of Rural Home Economics
- Director, Office of Research, Innovation and Commercialization (ORIC)
- Director, Academics
- Director, Quality Enhancement Cell
- Registrar, UAF
- Director Graduate Studies, University of Agriculture, Faisalabad (Secretary)

Three University Professors, other than Deans, to be appointed by Syndicate (23.08.2024 to 23-08-2027)

- Prof. Dr. Azeem Iqbal Khan, Department of Plant Breeding & Genetics
- Prof. Dr. Muhammad Issa Khan, NIFSAT
- Prof. Dr. Bushra Sadia, CAAB

Three Teachers of University to be appointed by the Academic Council (21-12-2022 to 20-12-2025)

- Prof. Dr. Naeem Asghar, Institute of Soil and Environmental Sciences
- Dr. Saif-ur-Rehman, Associate Professor, Institute of Animal and Dairy Sciences
- Dr. Beenish Israr, Associate Professor, Institute of Home Sciences

Principal of constituted college(s) Sub-campuses nominated by Vice Chancellor (12-01-2023 to 11-01-2026)

- Principal Community College PARS

Five experts from other sister Institutions to be nominated by the Syndicate (17-05-2025 to 16-05-2028)

- Director General, NARC, Islamabad
- Director General, Agri Plant Protection, Government of Punjab, Agriculture Depatment, Lahore
- Chief Scientist, AARI, Faisalabad
- Director General Field, Government of Punjab, Agriculture Depatment, Lahore
- Director, Veterinary Research Institute, Lahore

STAFF MEMBERS OF DIRECTORATE OF GRADUATE STUDIES

Name	Designation
Director	Dr. Muhammad Khalild Bashir (Associate Professor) dgs@uaf.edu.pk
Assistant Professor/Assistant Director	Vacant
Assistant Professor/Statistician	Vacant
Lecturer	Ms. Hina Siddique
Admin Officer	Rana Muhammad Naveed Khan
Research Assistant	Ms. Amara Sadaf, Mr. Muhammad Nadeem Saleem, Muhammad Bilal Javed
Office Assistant	Mr. Sajjad Ahmad, Mr. Ashiq Ali, Mr. Muhammad Riaz
Senior Clerk	Mr. Muhammad Azam, Mr. Muhammad Usman Akhtar, Mr. Muhammad Rehman, Mr. Muhammad Zulfiqar Ali
Junior Clerk	Muhammad Aleem, Muhammad Ahsan Zafar, Muhammad Nadeem Shahzad
Junior Computer Operator	Mr. Mubashir Rasheed, Mr. Liaqat Ali

RELEVANT QUALIFICATION FOR ADMISSION

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
MSc(Hons): Agronomy, Entomology, Horticulture Sciences, Plant Breeding and Genetics and Soil Science.	Regular	4	8	B Sc(Hons) Agri./B Sc(Hons) Agri. Sci. with major in the relevant field of study (Deficiency courses will be given where necessary).	a. CGPA= 2.5/4.00 (Semester System b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
Forestry	Regular	4	8	BS Forestary/B Sc(Hons) Agri./B Sc(Hons) Agri. Sci. with major in the relevant field of study (Deficiency courses will be given where necessary).	a. CGPA= 2.5/4.00 (Semester System b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
Plant Pathology	Regular	4	8	B Sc(Hons) Agri./B Sc(Hons) Agri. with major in the relevant field of study / BS (Bioinformatics) with deficiency courses where necessary. (AC 14-11-2017)	a. CGPA= 2.5/4.00 (Semester System b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Environmental Science	Regular	4	8	B Sc(Hons)/BS Environmental Science (4 year)/B Sc(Hons.) Agri./B Sc Agri. Engg./B Sc(Hons) Animal Sciences/B Sc(Hons) Microbiology/B Sc(Hons) Agri. and Resource Economics/ DVM/ B Sc(Hons)/BS (4 year program)/M Sc Botany/Chemistry/ Biochemistry/Zoology/Microbiology/Engg. and Environmental Sciences.	a. CGPA= 2.5/4.00 (Semester System b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
	Evening	4	8		
MSc (Hons) Agri. Biotechnology	Regular	4	8	B Sc(Hons) Agri. with major Biotechnology/Agriculture/AH/ DVM /Microbiology/Poultry Science four years courses from the recognized University. B Sc(Hons) Home Economics (Food and Nutrition).	a. CGPA= 2.5/4.00 (Semester System b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Climate Change in Agriculture	Regular	4	8	Sixteen years of education in any of the disciplines related to Biological Sciences, Medical Sciences, Agricultural Sciences, Engineering Sciences, Social Sciences, Environmental Sciences, Chemical Sciences.	a. CGPA= 2.5/4.00 (Semester System b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
MSc (Hons) Seed Science and Technology	Regular	4	8	B Sc(Hons) Agri./BSc (Hons) Agri. with major in the relevant field of study (Deficiency courses will be given where necessary).	a. CGPA= 2.5/4.00 (Semester System b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M Phil Biotechnology	Regular	4	8	B Sc(Hons) Agri./AH/DVM/BS(Hons) Bioinformatics/ Biotechnology/ Poultry Science four years courses from the recognized University/M Sc Biotechnology/ Microbiology (4 years), B Sc(Hons) Home Economics (Food and Nutrition) and B Sc(Hons)/ BS Environmental Science.	a. CGPA= 2.5/4.00 (Semester System b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Agro Ecology and Sustainable Land Use	Regular	4	8	B Sc (Hons) Agricultural Sciences, BS (4-years) Biological Sciences, M Sc Botany and Zoology after sixteen years schooling	a. CGPA= 2.5/4.00 (Semester System b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Agri. Extension	Regular	4	8	Candidates having B Sc(Hons) Agri,. (Major Agri. Extension) degree. Candidates having undergraduate degree (at least four years after F Sc) in the discipline of Agriculture, Agri. Economics, Agri. Engg., Vet. Sciences, Animal Husbandry or Home Economics with the condition to take deficiency courses identified by the department for this program of study.	a. CGPA= 2.5/4.00 (Semester System b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Rural Sociology	Regular	4	8	Student Admitted to M Sc Rural Sociology after sixteen years of Schooling i.e. B Sc(Hons) Agri./B Sc Agri. Engg./Doctor of Veterinary Medicine etc will be awarded MSc (Hons) Degree.	a. CGPA= 2.5/4.00 (Semester System b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Rural Development	Regular	4	8	4 years bachelor degree (after intermediate) OR two years master degree (after two years bachelor degree) GSRB 06-04-2014	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Agri. Economics	Regular	4	8	B Sc(Hons) Agri./B Sc(Hons) Agri. With major in Agri. Economics/ B Sc(Hons) Agricultural and Resource Economics/Agri. Engg./AH/ DVM (with deficiencies as suggested by the Board of Studies of the department)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
MSc (Hons) Environmental and Resource Economics	Regular	4	8	B.Sc (Hons) Agri. Economics/Agricultural and Resource Economics/BS Economics Subject to deficiencies as suggested by the Board of Studies of the Institute.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Development Economics	Regular	4	8	B.Sc (Hons) Agri. Economics/Agricultural and Resource Economics/BS Economics Subject to deficiencies as suggested by the Board of Studies of the Institute.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Agri. Engineering	Regular	4	8	B Sc Agri. Engineering/Civil Engg. /Mechanical Engg./Food Engg./ Environmental Engg./Water Resource Engg./Energy system Engg. and relevant qualification (Syndicate 03-03-2014)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Water Resource Engineering	Regular	4	8	B Sc Agri. Engineering/Civil Engg. / Environmental Engg./Water Resource Engg./Energy system Engg./Agronomy/Soil Science and relevant qualification (Syndicate 03-03-2014)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Energy Systems Engineering	Regular	4	8	Candidate having B.Sc. in Energy Systems Engineering, Agricultural Engineering, Electrical/Electronic Engineering, Chemical Engineering, Mechanical/Mechatronics Engineering, Electrical Engineering and Technology/ relevant subject from HEC recognized Institutions. (AC 06-05-2017)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Environmental Engineering	Regular	4	8	Candidate having B.Sc. in Environmental Engineering, Agricultural Engineering, Civil Engineering, Chemical Engineering, Petroleum Engineering, Industrial Engineering, Mechanical Engineering, Food Engineering, Energy System Engineering/ relevant subject from HEC recognized Institutions. (AC 06-05-2017)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
MSc (Hons) Food Engineering	Regular	4	8	B Sc Food Engineering, BS/B Sc (Hons) Food Engineering/Food Science & Technology/Food Technology/Agri. Engineering or Relevant Subjects from HEC Recognized Institutions. Note: Deficiency courses will be determined by the Board of Studies of the Department of Food Engineering.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MS Textile Technology	Regular	4	8	• B.Sc. Textile Technology / Textile Engineering / M.Sc. Fibre Technology or any relevant field. • B.Sc. Engineering/ Engineering Technology in Agriculture, Environment, Energy Systems, Chemical and Materials with deficiencies. • B.S. Physics / B.S. Chemistry or sixteen years of education in the relevant field with deficiencies. • B.Sc. (Hons.) Home Economics with deficiencies	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Food Technology	Regular	4	8	BS/B.Sc.(Hons) Food Science and Technology/Food Technology or B.Sc. Agri. Or B.Sc.(Hons) Agri. with Food Technology as major subject/BS(Hons)Dairy Technology/B. Sc. (Hons) Dairy Science and Technology. Or B. Sc. Agri. Engg./ Animal Husbandry/Animal Science/ DVM/Microbiology/ Home Economics (Food and Nutrition), B.Sc. (Hons.) Human Nutrition & Dietetics, BS/B.Sc. (Hons.) Microbiology, BS/B.Sc. (Hons.) Applied Microbiology, B.Sc. (Hons.) Agricultural Sciences, BS/B.Sc. (Hons.) Dairy Sciences, BS/B.Sc. (Hons.) Poultry Science, BS Biochemistry, BS/B.Sc. (Hons.) Nutrition and Dietetics. **Note:** Deficiency courses will be determined by the Board of Studies of National Institute of Food Science and Technology.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
MSc (Hons) Food Safety and Quality Management	Regular	4	8	B.S/B.Sc. (Hons.) Food Science and Technology/ Food Technology or B.Sc. (Hons.) Agriculture with Food Technology as major/ B.Sc. (Hons.) Home Economics (Food & Nutrition)/ B.Sc. (Hons.) Human Nutrition & Dietetics/ B.S. Food Science & Nutrition **OR** B.Sc. (Hons.) Dairy Science & Technology/ B.S. (Hons.) Dairy Technology/ B.S. (Hons.) Animal Science/ B.Sc. (Hons.) Microbiology/ B.Sc. Agricultural Engineering/ Food Engineering/ Doctor of Veterinary Medicines or equivalent. (Note: Deficiency courses will be determined by the Board of Studies of National Institute of Food Science and Technology). **OR** B.MAS/B.Sc. Food Science & Nutrition (For army officers nominated by Army Service Corps) **OR** PGDC in Food Safety & Controls (Note: Students having qualification of B.Sc. (Hons.) Food Science & Technology and PGDC Food Safety and Controls will be given relaxation of coursework equivalent to 12 credit hours).	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Food Service Management	Regular	4	8	BS/BSc (Hons) Food Science and Technology/ Food Technology /BSc (Hons) Agriculture with Food Technology as major/BS Food Science and Nutrition/BSc (Hons) Human Nutrition and Dietetics/Home Economics (Food and Nutrition). BS (Hons) Dairy Technology; BSc (Hons) Dairy Science and Technology; BSc (Hons) Agricultural Sciences; BSc Agricultural Engineering; BSc Food Engineering; BSc (Hons) Animal Husbandry; Doctor of Veterinary Medicines; BSc (Hons) Microbiology; BSc (Hons) Home Economics; MSc Chemistry; MSc Biochemistry; BSc Chemical Engineering; Postgraduate Diploma Course in Food Safety and Controls (PGDC)/ BSc Food Science and Nutrition (Earned after 14 years of education)/Bachelor of Military Art and Science (BMAS)/ BS/BSc (Hons.) Hotel Management. (Note: deficiency courses will be determined by the board of studies of National Institute of Food Science and Technology). **(Syndicate 23-08-2021)**	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
MSc (Hons) Dairy Technology	Regular	4	8	BS(Hons) Dairy Technology./B Sc (Hons) Dairy Sci. and Tech./B Sc(Hons) Food Science and Technology/B.Sc.(Hons) Agri. with major Food Technology/BSc Agri. with major Animal Sciences/ DVM/BSc (Hons) Animal Husbandry /BSc Agri. Engg./BSc (Hons) Home Economics DVM/Microbiology/Home Economics (Food and Nutrition), BS/B.Sc. (Hons.) Dairy Science Note: Deficiency courses will be determined by the Board of Studies of National Institute of Food Science and Technology.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Human Nutrition and Dietetics	Regular	4	8	BS (Hons) Human Nutrition and Dietetics/B.Sc. (Hons) Human Nutrition/ BS Nutrition and Dietetics/BS Food Science and Nutrition/ B.Sc. Hons) Food Sciences and Human Nutrition/Doctor of Nutrition and Dietetics, BS/B.Sc. (Hons) Home Economics (Food and Nutrition)/ BSc (Hons) Nutrition. OR BSc (Hons) Food Science and Technology/Food Technology or BSc (Hons) Agriculture with Food Technology as major/ BSc (Hons) Dairy Science and Technology/ Dairy Science/BSc (Hons) Microbiology/ Doctor of Veterinary medicines/Pharm-D/MBBS. Doctor of Human Nutrition and Dietetics, Doctor of Dietetics and Nutritional Sciences, Doctor of Nutritional Scien ces, M.Sc. Home Economic (Food & Nutrition), B.S./B.Sc. (Hons.) Nutrition and Dietetics, BS/B.Sc. (Hons.) Biochemistry. **Note:** Deficiency courses will be determined by the Board of Studies of National Institute of Food Science and Technology.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Home Economics (Food and Nutrition)	Regular	4	8	B Sc(Hons) Home Economics (Food and Nutrition) / B Sc(Hons) / BS Human Nutrition and Dietetics / B Sc(Hons) Human Nutrition/ B Sc(Hons) Nutrition/ B Sc(Hons) Food Siene and Technology/ B Sc(Hons) Food Tehnology/BS Food Siene and Nutrition/BS NUtrition/MBBS (Pakistan Medical and Dental Council Registered) (AC 02-09-2020)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
MSc (Hons) Home Economics (Human Dev. and Families Studies)	Regular	4	8	B Sc(Hons) and M Sc Home Economics major (HDFS). Bachelor (Hons) and Master degrees (16years of education) in the following subjects will also be eligible with deficiency: Home Economics, Human Nutrition and Dietetics, Psychology, Sociology, Rural Sociology, Population Sciences, Social Work and MBBS	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Home Economics (Clothing and Textile)	Regular	4	8	B Sc(Hons)/M Sc Home Economics with major in clothing and Textiles. Candidates possessing following degrees will have to study deficiency courses: B Sc(Hons)/M Sc with major in Food and Nutrition, Human Development and Family Studies, Housing and Management Studies, Art and Design. B Sc(Hons) in Textile and Garment Technology, B Sc(Hons) Textile Technology, BS in Fashion and Textile Design, BS in Fashion and Apparel Design.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Poultry Science	Regular	4	8	B Sc(Hons) Animal Husbandry 6 year post matric. OR B Sc (Hons) Poultry Science, BS (4 year) Poultry Science or B Sc (Hons) Agri. (Major Animal Science), B Sc(Hons) Animal Science / DVM or other equivalent vety. course degree subject to qualifying the deficiencies, along with undergraduate classes as prescribed by the respective board of studies.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Animal Breeding and Genetics	Regular	4	8	B Sc(Hons) Animal Husbandry 6 year post matric. OR B Sc (Hons) Poultry Science, BS (4 year) Poultry Science or B Sc (Hons) Agri. (Major Animal Science) or B Sc(Hons) Animal Science or B Sc (Hons). Dairy Science, BS/B Sc (Hons) in Bioinformatics, Genetics, Biology, Biotechnology, zoology and MSc in Zoology & Biology OR DVM or other equivalent vety. course degree subject to qualifying the deficiencies, along with undergraduate classes as prescribed by the respective board of studies. (Syndicate 06-10-2018)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
MSc (Hons) Livestock Management	Regular	4	8	B Sc(Hons) Livestock Management, B Sc (Hons) Animal Husbandry 6 year post matric OR B Sc(Hons) Agri. (Major Animal Science) OR B Sc(Hons) Dairy Science or B Sc (Hons) Animal Science OR DVM. (Syndicate 06-10-2018)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MSc (Hons) Animal Nutrition	Regular	4	8	B Sc(Hons) Animal Husbandry 6 year post Matric OR B Sc (Hons) Agri. (Major Animal Science) OR B Sc (Hons) Animal Science /B Sc (Hons) Poultry Science, BS (4 year) Poultry Science OR DVM/B Sc (Hons) Dairy Science or other equivalent veterinary course degree subject to qualifying the deficiencies, along with undergraduate classes as prescribed by the respective Board of Studies. (Syndicate 06-10-2018)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MS(Management) Marketing	Regular	4	8	BBA (4 years), /B Sc (Hons) marketing and Agri. Business (16 years schooling), B.Com (4 years), MBA (16 years), M.Com /ACMA/ACA and other equivalent qualification (relevance and any required deficiency shall be determined by the Board of Studies of IBMS). (Syndicate 08-09-2014)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MS (Management) Agribusiness	Regular	4	8	B Sc (Hons)Agri. and all four /five year duration degrees offered by the University /Sub-Campuses /BS Agriculture Business and Marketing /MBA 3.5 year. (Syndicate 30-03-2019)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MS (Management) Finance	Regular	4	8	BBA (Hons)/BBA (Agribusiness)/MBA/M Sc Accounting & Finance/ BS (Accounting & Finance, M Com/BS-Commerce/B Com (Hons)/ BS Economics & Finance/BS (PA, MPA or equivalent having minimum 16 years schooling. (Syndicate 06-10-2018)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MBA (Evening)	Regular	4	8	16 years of education (Syndicate 31-08-2020)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
MBA (Executive)	Regular	4	8	16 years of education, with 3 years of professional experience (Syndicate 31-08-2020)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M Phil Rural Sociology/ Sociology	Regular	4	8	16 years of schooling in Social Sciences	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MS Gender Studies	Regular	4	8	16 years of education in any discipline. However, students other than social sciences background will enroll deficiency courses in 1st semester.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M Phil Education	Regular	4	6	Candidate having Master's degree in Education/B.S.Ed. or equivalent (16 years schooling) will be eligible for admission. Those having 16 years of schooling in other related disciplines such as Agriculture, Botany, Chemistry, Commerce, Extension Education, English, Economics, Geography, History, Home Economics, Islamic Studies, Mathematics, Psychology, Philosophy, Physics, Rural Development, Sociology, Social Work, Statistics, Special Education, Urdu, Zoology etc. may also be admitted with the condition to enroll deficiency courses to be determined by the Board of Studies of IAERD.	a. CGPA= 2.5/4.00 b. 2nd division with at least 45% marks
	Part time	6	8		
M Phil Economics	Regular	4	8	Master degree in Economics/BA(Hons)/BS-4 years degree with major in Economics/B Sc(Hons) Agri. and Resource Economics/ B Sc(Hons) Marketing and Agri Business/Master in Business Economics or related field. (Syndicate 03-03-2014)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M Phil Theriogenology, Clinical Medicine and Surgery	Regular	4	8	DVM or equivalent Vety. Degree/ BSc (Hons.) AH subject to qualifying deficiencies along with undergraduate classes as prescribed by BOS or MBBS/ BDS	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
M Phil Anatomy	Regular	4	8	DVM or equivalent Vety. Degree/B.Sc. (Hons.) AH, BS/B.Sc. (Hons.) Animal Sciences, BS/ B.Sc. (Hons.) Dairy Sciences, BS/B. Sc. (Hons.) Poultry Science/MBBS/ BDS/ MSc Zoology BS/B.Sc. (Hons.) Prosthetics and Orthotics/BS Doctor of Physiotherapy/ BS Physiology/ BS Radiology and Imaging Technology/ BS Pathology/ BS Dermal Science subject to qualifying deficiency course (s) as prescribed by the respective BOS.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M Phil Parasitology	Regular	4	8	1. DVM or equivalent Veterinary Degree 2. MBBS/ BDS/B.Sc. (Hons.) Microbiology/ B.Sc. (Hons.) Applied Microbiology / BS Fisheries and Aquaculture / BS Public Health OR equivalent degree/BS/MSc Zoology/ B.Sc. (Hons.) AH/ B.Sc. (Hons.) Animal Sciences/ B.Sc. (Hons.) Poultry Science/ B.Sc. (Hons.) Dairy Sciences/ BS Biotechnology/ Biochemistry/B.Sc. Hons.) Bioinformatics, Pharm-D, BS Environmental Sciences/ BS Biological Sciences OR equivalent degree subject to qualifying deficiency course (s) as prescribed by the BoS.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M Phil Pathology	Regular	4	8	i. DVM or equivalent Vety. Degree ii. MBBS /BDS iii. BS Pathology iv. BSc (Hons.) AH/ BSc (Hons.) Animal Sciences/ BSc (Hons.) Poultry Science subject to qualifying deficiency course (s) as prescribed by the respective BOS of the department. v. BSc (Hons.) Microbiology/ BSc (Hons.) Applied Microbiology/ Medical Laboratory Technology subject to qualifying deficiency course (s) as prescribed by the BOS of the Department.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
M Phil Microbiology	Regular	4	8	i) DVM or equivalent Vety. Degree; ii) B Sc(Hons) Microbiology/Applied Microbiology (4 years) OR equivalent degree. 4 years BS Biotechnology/B Sc (Hons) Agri. Biotechnology, Bioinformatics, Pharm D, Food Technology, Environmental Sciences, Home Economics(Food and Nutrition) subject to qualifying the deficiencies as decided by the Board of Studies of the Institute and approved by the Faculty Board. iii) B Sc(Hons) AH/Poultry Sciences subject to qualifying the deficiencies as decided by the Board of Studies of the Institute and approved by the Faculty Board. iv) MBBS/BDS (Syndicate 29-05-2013)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M. Phil Epidemiology & Public Health	Regular	4	8	3. Students having B.Sc.(Hons.)/equivalent degrees in the following disciplines: MBBS., BDS., MD., B.Sc.(Hons.) Public Health (BSPH)., M.Sc Epidemiology., B.Sc.(Hons.) Health Sciences., DVM., Pharm-D., B.S/B.Sc.(Hons.) Microbiology/ Applied Microbiology., B.Sc.(Hons.) Nursing., B.Sc.(Hons.) Human Nutrition and Dietetics., BS Physiology., B.Sc.(Hons.) Social Sciences/ Rural Sociology/ Sociology/ Population Science. 4. Students having B.Sc.(Hons.) Poultry Sciences., B.Sc. (Hons.) Dairy Technology., B.Sc.(Hons.) Biotechnology and Bioinformatics., B.Sc.(Hons.) FST., DPT., B.Sc.(Hons.) Animal Husbandry/Animal Sciences subject to qualifying the deficiencies as determined by the Board of Studies, if any.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M Phil Physiology	Regular	4	8	D.V.M. or equivalent Vet. Degree, M.B.B.S./ B.D.S/ M.Sc. (Physiology), BSc (Hons.) Animal Husbandry/ Doctor of Pharmacy (Pharm-D)/ B-Pharmacy, B Sc. (Hons) Home Economics/ M.Sc. (Biochemistry)/ BSc (Biology, 4 years) or B.Sc. Medical Technology/ B.Sc.(Hons) Microbiology (4 years), M.Sc. Zoology, B.Sc. (Hons.) Animal Sciences/ B.Sc. (Hons.) Poultry Science, B.Sc. (Hons.) Physiology 4 years, B.Sc. (Hons.) HND 4 years subject to qualifying deficiency course(s) as prescribed by the respective BOS. (AC 06.05.2017)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
M Phil Pharmacology	Regular	4	8	DVM or equivalent Vety. Degree. B.Sc. (Hons.), Animal Husbandry/ B.Sc. (Hons.) Animal Sciences/ B.Sc. (Hons.) Poultry Science/ M.B.B.S./ B.D.S./ B-Pharmacy, B.Sc. Medical Technology and Doctor of Pharmacy (Pharm-D). B.Sc.(Hons) Microbiology/ Physiology 4 years subject to qualifying deficiency course (s) as prescribed by the respective BOS. (AC 06.05.2017)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M Phil Botany, Zoology, Chemistry	Regular	4	8	M Sc in the relevant field preferably with thesis. OR BS (4 years)/B Sc(Hons)(4 years) graduate after sixteen years schooling with the relevant subjects. B Sc(Hons) Agri., B Sc(Hons) AH., DVM and B Sc Agri. Engg. will also be eligible for statistics only.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M Phil Statistics	Regular	4	8	MSc / BS (4 years) Statistics degree or BSc (Hons) Agri, BSc (Hons) AH., DVM, BSc/BS(Agri. Engg.), BS(Bio Statistics), BS(Mathematics), BS(Data Science) and BS(Data Analytics) (4 years degree) from HEC recognized University (At least 16 years of education). The deficiency courses if required will be determined by respective Board of Studies.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M Phil Biochemistry	Regular	4	8	MSc or BS(4 years) Biochemistry OR MSc/BS Biotechnology/ Bioinformatics/Molecular Biology/ Home Economics (Food and Nutrition) / Chemistry MBBS/BDS/DVM/BSc AH/Pharm-D/B. Pharmacy, BS/BSc (Hons) Medical Laboratory Technology, Human Physiology, BEMS, (4 and 5 year) programs/Animal Science/Dairy Science/Poultry Science (deficiency courses will be determined by the respective Board of Studies if any). (Syndicate 06-10-2018)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M Phil Mathematics	Regular	4	8	MSc / BS (4 years) Mathematics degree or BSc/BS(Agri. Engg.), BS(Statistics), BS(Physics), BS(CS) from HEC recognized University (At least 16 years of education). The deficiency courses if required will be determined by respective Board of Studies.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M Phil Physics	Regular	4	8	M Sc/BS (4 years) in Physics/MSc Electronics degree holder shall have to qualify additional mandatory MSc level courses. (Syndicate 03-03-2014)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
MS (Computer Science) MS Software Engineering	Regular	4	8	04 years Bachelor OR 02 years MSc in any computing discipline (16 years education)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MS (Bioinformatics)	Regular	4	8	• BS in Bioinformatics • BS/B.Sc. (Hons.) Computer Science/Software Engineering/ Information Technology/Data Science/ Biological Science (Biochemistry/Biotechnology/ Microbiology/Plant Breeding and Genetics/Animal Sciences) with deficiencies courses of 12 credit hoursduring first academic year. Deficiency courses will be adjusted case to case as per BOS.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
MS English (Linguistics) MS English (Literature)	Regular	4	8	16 years of education in English or any of its specialized areas. The deficiency courses if required will be determined by respective Board of Studies up to a maximum of 9 credit hours as it may determine on case-to-case basis and in accordance with HEC Graduate Education Policy (2023)	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
M. Phil Islamic Studies	Regular	4	8	• MA or BS (Hons) 4-year degree in Islamic Studies, Qur'an and Tafsir, Hadith and Hadith Sciences, Usul al-Din, or Shahadat al- Alimiyah (recognized by HEC through relevant boards). • Preference will be given to candidates with relevant postgraduate diplomas or teaching experience in the field of Islamic Studies.	a. CGPA= 2.5/4.00 (Semester System) b. 2nd division with at least 45% marks (Annual System)
	Part time	6	8		
PhD Agronomy, Crop Physiology, Entomology, Horticulture, Plant Breeding and Genetics, Plant Pathology, Forestry, Soil Science, Environmental Science	Regular	6	16	MSc (Hons)/M Phil OR Equivalent (Six year schooling after intermediate) in the relevant subject as decided by the Board of Studies of the department with deficiency courses if needed.	a. CGPA= 3.0/4.00 b. at least 1st division

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
PhD Biotechnology	Regular	6	16	Students having basic degree in biosciences including: 1. Agricultural Sciences/PBG/Horticulture/Plant Pathology Entomology/ Agronomy/Crop Physiology. 2. Basic Sciences/Plant Sciences/Biology/Botany/Zoology and Biochemistry 3. Animal/Vet. Sciences and its allied disciplines including Medical Sciences 4. Biotechnology; Molecular Biology, Microbiology, Genetics, Bioinformatics and Genomics. MSc (Hons)/M Phil in the relevant subject as decided by the Board of Studies of the department with deficiency courses if needed.	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Genetics	Regular	6	16	Candidates having 18 years of schooling from life sciences	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Seed Science & Technology	Regular	6	16	Students having MSc (Hons)/MS/M Phil with any major faculty of Agriculture, can apply for admission	a. CGPA= 2.50/4.00 b. at least 2nd division
PhD Agri. Extension	Regular	6	16	i- Candidates having MSc (Hons) Agri. Extension. Degree ii- Candidates having master degree after completing at least four year Bachelor degree program in the discipline of Agriculture, Agri. Economics, Agri. Engg., Vety. Science, Animal Husbandry and Home Economics with the condition to take deficiency courses identified by the department for this program of study (in addition to deficiency courses).	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Rural Sociology	Regular	6	16	18 years of schooling degree in Social Sciences with no third division in Academic Career. The deficiency courses will be determined by the respective Board of Studies. GSRB (AC 06-05-2017)	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Agri. Economics	Regular	6	16	MSc (Hons)/M Phil OR equivalent (six year schooling after intermediate) in the relevant subject as decided by the Board of Studies of the department with deficiency courses if needed.	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Economics/ Development Economics	Regular	6	16	M Phil/MSc (Hons) in Economics/ Agricultural Economics/ Development Economics/ Environmental and Resource Economics. Moreover, the enrollment of deficiency courses, as suggested by the Board of Studies of the IARE. (Syndicate 08-09-2014)	a. CGPA= 3.0/4.00 b. at least 1st division

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
PhD Agribusiness	Regular	6	16	MS (Management) Agribusiness Specialization/MBA (Marketing and Agribusiness) MBA (3.5 years) Agribusiness Specialization/M Sc (Hons) Agriculture Marketing/ M Sc (Hons) Agricultural Economics/ M Sc (Hons) Environmental Resource Economics/ M Sc (Hons) Development Economics OR equivalent (six years schooling after intermediate) in the relevant subject as decided by the Board of Studies of IBMS with deficiency courses if needed. (Syndicate 06-10-2018)	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Environmental and Resource Economics	Regular	6	16	MSc (Hons) M Phil OR equivalent (six years schooling after intermediate) in the relevant subject as decided by the Board of Studies of the department with deficiency courses if needed.	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Agri. Engineering	Regular	6	16	MSc (Hons) Agri. Engg./Civil Engg./Mechanical Engg./Food Engg./ Environmental Engg./ Water Resource Engg./ Energy System Engg. / Industrial and Manufacturing Engg./ and relevant qualification. (Syndicate 03-03-2014)	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Water Resource Engineering	Regular	6	16	MSc (Hons) Agri. Engg./Civil Engg./ Environmental Engg./ Water Resource Engg./ and relevant qualification. (Syndicate 03-03-2014)	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Energy Systems Engineering	Regular	6	16	MS/M.Phil./M.Sc. (Hons.) (18 years of education) with thesis in Energy Systems Engg./Agricultural Engg./Electrical Engg./ Chemical Engg./Mechanical Engg./Environment Engg./Food Engg. and relevant degree programs. Some disciplines may require deficiency program as prescribed by the respective Board of Studies (BOS).	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Food Technology	Regular	6	16	MSc (Hons)/M Phil or equivalent (six year schooling after intermediate) subject as decided by the Board of Studies of the department with deficiency courses if needed.	a. CGPA= 3.0/4.00 b. at least 1st division

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
PhD Human Nutrition and Dietetics	Regular	6	16	MSc (Hons)/MS (Human Nutrition and Dietetics)/MSc (Hons) Human Nutrition/MSc (Hons) Food Science and Nutrition/ M hil (Food and Nutrition)/ MSc (Hons) Home Economics (Food and Nutrition) Or MSc (Hons) Food Science and Technology/ Food Technology/ MSc (Hons) Dairy Science and Technology, MSc (Hons) Food Safety and Quality Management/ MSc (Hons) Food Service management. (Note: deficiency courses will be determined by the board of studies of National Institute of Food Science and Technology). (Syndicate 08-09-2014)	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Animal Breeding and Genetics	Regular	6	16	MSc (Hons) / M Phil in the relevant subject as decided by the Board of Studies of the department with deficiency courses if needed.	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Livestock Management	Regular	6	16	MSc (Hons)/M Phil in the relevant subject as decided by the Board of Studies of the department with deficiency courses if needed.	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Animal Nutrition	Regular	6	16	MSc (Hons)/M Phil in the relevant subject as decided by the Board of Studies of the department with deficiency courses if needed.	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Poultry Science	Regular	6	16	MSc (Hons)/M Phil in the relevant subject as decided by the Board of Studies of the department with deficiency courses if needed.	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Physiology	Regular	6	16	MSc (Hons)/M Phil in the relevant subject as decided by the Board of Studies of the department with deficiency courses if needed.	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Pharmacology	Regular	6	16	MSc (Hons)/M Phil in the relevant subject as decided by the Board of Studies of the department with deficiency courses if needed.	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Theriogenology, Anatomy, Clinical Medicine and Surgery, Parasitology, Pathology, Microbiology	Regular	6	16	MSc (Hons)/M Phil in the relevant subject as decided by the Board of Studies of the department with deficiency courses if needed.	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Botany, Zoology, Chemistry, Biochemistry	Regular	6	16	MSc (Hons)/M Phil OR equivalent (six year schooling after Intermediate) in the relevant field of study. M Phil/MS Biochemistry/ MSc (Hons) and M Phil Molecular Biology with eighteen years of schooling in the relevant field.	a. CGPA= 3.0/4.00 b. at least 1st division

Degree/Discipline	Program	Duration (Semesters) Minimum	Maximum	Admission/ Eligibility Criteria	Eligibility (CGPA/Division)
PhD Physics	Regular	6	16	MS/M Phil (6 years schooling after intermediate) in the relevant field of study from HEC recognized university. For admission to M Phil Leading to PhD M Sc/B Sc(4 years) in the relevant field of study from HEC recognized university.	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Statistics	Regular	6	16	18-years education in Statistics or relevant subject with minimum CGPA 3.0/4.0. The relevance and deficiency courses, if any, would be determined by the respective Board of Studies.	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Mathematics	Regular	6	16	MS/MPhil (Eighteen years of education) in Mathematics or relevant field with at least 3/4 CGPA or First Division from HEC recognized University.	a. CGPA= 3.0/4.00 b. at least 1st division
PhD Computer Science	Regular	6	16	MS in any computing discipline (18 years of education) (Syndicate 06-10-2018)	a. CGPA 300/4.00 (Semester System) b. At least 1st division (Annual System)
PhD Ecology	Regular	6	16	M Phil/MSc (Hons) degrees in the discipline of Botany, Zoology, Agri. Sciences, Soil and Environmental Sciences, Veterinary Sciences, Entomology and Pests	a. CGPA= 3.0/4.00 b. at least 1st division

STATUTES AND REGULATIONS RELATING TO THE DEGREE OF
MSc (Hons) /M Phil/MS/MBA
IN FULL AND PARTIAL RESIDENCE

STATUTES

DURATION AND REQUIREMENTS OF DEGREE PROGRAM

1. (i) The duration for the Degrees of MSc (Hons)/MPhil/MS shall not be less than four and more than eight semesters in full residence and not less than six and more than eight semesters for the University employees admitted as part time students.
(ii) (a) The employees of the government/other agencies nominated for MSc(Hons)/M Phil/MS degree at this University, shall have to take study leave to pursue studies as a regular student, failing which he/she shall not be admitted.
(b) If an employee of the Govt./Autonomous agencies gets NOC from his/her department/ competent authority, he/she will get admission as part time student and pursue his/her studies in MSc (Hons)/M Phil/MS/ MBA degree program provided that he/she is posted at Faisalabad. (The students admitted will be considered as part-time, however, they will enroll upto three courses per semester and pay full fee as admissible under regular programs.)
(iii) The supervisors of MSc (Hons)/M Phil/MS students shall submit a report with regard to each MSc (Hons)/ M Phil/MS student showing general progress particularly in research, such report shall be submitted on prescribed form (GS/13) after each semester to the Graduate Studies and Research Board through the Chairman of the Department/Dean concerned.
(iv) The medium of instruction and examination shall be English.

2. (i) There shall be 2 semesters (Winter and Spring) of 19 weeks each and a summer session of 8 to 10 weeks in each academic year. The commencement of semesters shall be regulated by the Academic Council.

Explanation: Out of 19 weeks, 16 weeks shall be actual teaching time; the rest may be utilized for enrollment, conduct of examinations and declaration of results, etc.
(ii) (a) Summer session shall be optional. Students, who desire to take deficiency/compulsory minor courses as approved in their course work programs, failed courses and the courses in which they are allowed to improve grades under the rules, may enroll during this session. It shall not count towards residential requirements. (Senate 10-11-2016)
(b) In Summer session double classes will be held to compensate the normal study hours of a regular semester and 75% attendance in theory and practical separately for each course, shall be observed.
Note: Only those students having 60% attendance will appear in mid test examinations.

3. The subjects of study for the degree programs are given in schedule I which may be amended from time to time. A student shall present an acceptable thesis in addition to completing his/her approved Course Work in order to qualify for the award of the degree.

4. . A student admitted to the degree program shall be required to undertake the following course work:
(i) He/she shall take minimum 24 credits (excluding 6 credits for thesis research). Deficiency course(s) shall not be counted toward the minimum credit hours requirement.
(ii) The credit hours in the course work shall be two third from the major and one third from the minor field (s) of study. The minor field(s) of study be determined by the Supervisory Committee.
Explanation: The ratio of major and minor courses would be 2:1 and shall not apply to credits taken over and above the minimum requirement of 24 credits.
Example: The number of minimum credit hours under major and minor courses will be 16 and 08.
(iii) The following courses shall be compulsory:
(a) Course Stat-701 shall be compulsory minor for students except those who have qualified equivalent course(s) from other HEC recognize institutions. (Senate 10-11-2016)

(b) Courses (SS-707 Soil Physics and CS-724 Advanced Programming) shall be compulsory for students in the discipline of Agri. Engineering (AC 06-05-2017).

(c) Courses SE-717 Information and Communication Technologies and Math 703 Operations Research shall be minor for students of the Institute of Agricultural and Resource Economics, and disciplines of Rural Sociology, and Rural Development.

(d) Biochemistry (Biochem-700) shall be compulsory minor course for students of the Faculties of Agriculture, Veterinary Science, Animal Husbandry and Food, Nutrition & Home Sciences and Faculty of Health and Pharmaceutical Sciences except those who have already taken equivalent course(s) from other HEC recognized institutes.

(e) IS-727 and IS-728 for Muslim and PS-727 and PS-728 for non-Muslim shall be compulsory for all students enrolled to MS/MPhil/MSc (Hons)/ MBA degree program.

Note: Courses taken as compulsory minor shall not be counted toward minor field required under Statute 4(ii) but will be counted in GPA/ CGPA.

5. The academic matters of the institutes would be routed through the Dean of the faculty concerned until the constitution of their own Faculty Boards.

REGULATIONS

I. ADMISSION TO THE COURSE

1. 1. A candidate seeking admission to the degree must:

(i) have sixteen years of schooling or 4 years of education from a recognized Institution across the country, after FA/FSc (at least 120 credit hours) with at least second division/ CGPA 2.50/4.00 in the degree on the basis of which admission is requested. The candidates required to qualify GAT test arranged by the University based on their terminal degree with 50% marks.

(ii) have to produce a nomination letter from his/her respective provincial government against reserved seats if any

(iii) produce at the time of the first enrollment, a certificate from the University Resident Medical Officer to the effect that he/she is free from any communicable (contagious) disease or mental or physical disability which is likely to stand in the way of his/her pursuing the chosen field of study.

2. If the course(s) studied by a candidate in his /her previous degree (on the basis of which admission is requested) does not provide adequate background for the degree program of study, he/she may be required to rectify the deficiency by taking additional course(s) as determined by the respective Departmental Board of Studies.

3. Candidates may be admitted at the beginning of each semester. If a candidate fails to complete enrollment, his/her admission shall stand canceled. However, nominees of HEC, UAF, foreign countries and other Government organizations, may be admitted up to the end of each semester with the condition that they will enroll without taking any course. They will submit signed GS/10 forms (without any course).The semester enrolled, however, will be counted towards their residential requirement.

4. (i) A teacher/researcher of the University of Agriculture, Faisalabad (permanent, temporary, adhoc or on contract basis) will be considered for admission as part time student; will be allowed to enroll maximum of two courses and one seminar in a semester and with the payment of prescribed university dues. In case, he/she intends to take maximum credit hours allowed to a full time student then he/she will have to take leave from the University and pay full University dues.

(ii) The administrative staff of the University of Agriculture, Faisalabad (permanent, temporary, adhoc or on contract basis) will be considered for admission as part time student only under Evening program; will be allowed to enroll maximum of two courses per semester with the payment of prescribed university dues. In case, he/she intends to take maximum credit hours allowed to a full time student, or intends to take courses under morning program then he/she will have to take leave from the University and will pay full university dues.

5. (i) The admission to a degree program shall be made by the Graduate Studies and Research Board on the basis of merit list prepared and

checked by the Director Graduate Studies.

(ii) Lists of selected candidates would be displayed by the Director Graduate Studies and if needed subsequent lists would be displayed till the last seat is filled up.

Explanation: The last list would be displayed keeping in view that 75% attendance in lectures would not suffer.

(iii) The Graduate Studies and Research Board may refuse admission to a candidate without assigning any reason.

Explanation: All those students who were awarded minor penalty of fine of Rs. 2500/-and above twice on account of their misconduct during the course of their undergraduate studies as the case may be shall be debarred from admission to the next study program for a period of two years after completion of their respective degree. After two years, they may be considered for admission to the postgraduate degree on the recommendations of the Students Affairs Committee. In the same context, the students who were awarded a major penalty will be debarred for admission to a degree program for a period of three years. They may be considered for admission after 3 years after completion of their respective degree, on the recommendations of Student's Affairs Committee.

6 (i) A candidate admitted to a degree program shall, far so long as he/she has not submitted final thesis, have to enroll for each semester.

(ii) A student may discontinue enrolled semester before appearing in the final examination with the permission of the Vice Chancellor obtained through the Director, Graduate Studies on the recommendations of the Dean/Director/Principal, on account of sickness duly certified by the University Medical Officer or due to circumstances beyond his/her control.

Note: The period of discontinuation of semester will not be counted toward(s) his/her residential period.

(iii) The facility of discontinuation can be availed only once during whole degree program.

(iv) A student so permitted to discontinue is required to resume his/her studies from next semester on the recommendations of Chairman/Director/Principal /Dean concerned and notified by the Director Graduate Studies.

(v) A HEC fellowship awardees will be allowed to join a training program with the condition that his/her training would not disturb his/her enrollment in the University and will remain intact. On his/her returning and rejoining the University, he/she would have to meet the enrollment formalities (Ex-post-facto) of this period (the whole period of HEC scholarship) and it would also be included in the period of residential requirements of the scholar under relevant statues. (Syndicate 11-08-2008).

7. (i) The prescribed form (GS/10) complete in all respect and accompanied by proof of fee paid (bank receipt) shall be presented to the office of the Chairman/Director/ Principal concerned on the day(s) notified for enrollment.

Explanation: The concerned Department/Institute/Sub Campus will hand over the GS-10 forms (four copies) to the office of the Director Graduate Studies through Dean of the Faculty on next day of enrollment. The Office of Director Graduate Studies after thorough scrutiny will send the GS-10 forms to the Controller of Examinations and Chairman concerned before commencement of mid examinations. (AC 05-06-2018)

(ii) The Director Graduate Studies under special circumstances and on payment of late fee prescribed for this purpose, may permit a student to enroll within ten days after the commencement of the classes.

(iii) The Vice Chancellor may allow a student to enroll till the last day of the 4th week after the commencement of classes under special circumstances, in individual cases and reasons to be recorded, with double late fee prescribed for this purpose.

Explanation: After 4th week the Vice Chancellor may also decide the request (s) of the student (s) on case to case basis with fine (in addition to double late fee). However, such students would be themselves responsible for consequences (if any) of late enrollment (AC 06-05-2017)

(iv) Enrollment in absentia is not allowed. Student is required to be

present in person with a proof of identification (University Identity Card or Computerized National Identity Card etc.) for enrollment.

(v) Enrollment will only be considered completed when GS/10 form is submitted to the office of the Director Graduate Studies. Only depositing of fee will not serve the purpose.

8. (i) If a student fails to enroll in any semester without permission of the competent authority, he/she shall cease to be on the rolls of the University and in case he/she desire readmission, he/she shall have to apply for the same.

(ii) The Graduate Studies and Research Board may readmit such a candidate subject to payment of Rs.2500/- as readmission fee and Rs.25,000/- as per semester(s) gap fee and the period of gap semester(s) will also be counted toward(s) his/her residential period.

(iii) The GSRB may refuse admission if the reasons presented are not convincing.

Note: The Board authorized the Vice Chancellor to decide the fate of ex-post facto enrolment / restoration of admission in the light of recommendation of the respective Dean.

9. (i) (a) The supervisory committee of a student for course work and research shall be proposed by the respective Board of Studies during 1st semester. (SOPs approved by the Syndicate 10-11-2025)

(b) Supervisory Committee shall consist of two teachers from the major field of study and one from the minor field of study. However, the supervisor must be from the same university. An outstanding PhD faculty member from another university/research institution can be a co-supervisor on the supervisory committee. Faculty members of relevant disciplines from UAF/ UAF Constituent Colleges may be included as supervisor/member, however, faculty members/researchers/ Adjunct faulty from DAI/HEI and Research Institutes may be opted as members/ Special member on the supervisory committee.

(c) Supervisor of the student will act as chairman of the supervisory committee.

(d) Supervisory committee proposed by the respective Board of Studies and recommended by the Chairman/Director of the institute/ Principal and Dean of the faculty concerned shall be approved by the Graduate Studies and Research Board and would be notified by the Director Graduate Studies.

(e) Supervisory committee may be revised according to the regulation 9-i (a to d) and (v) for the reasons of change to be recorded.

(ii) In case, a student duly recommended by the Chairman and Dean/ Director/ Principal concerned to conduct his/her complete/part of thesis research in other institution/ laboratory, is allowed by the Director Graduate Studies the helping scientist may be taken as Co-supervisor on the supervisory committee of the student.

(iii) The Professor emeritus may act as supervisor/member of supervisory committee of postgraduate students if he/she is stationed at Faisalabad.

(iv) Foreign Faculty members, HEC National Professors/HEC eminent scientists may act as supervisor/member of the supervisory committee provided that they are appointed for three years.

(v) Retired teachers of the University of Agriculture, Faisalabad may continue as supervisor/member of the supervisory committee to their previous postgraduate students if they had supervised the students upto the approval of the synopsis. However, on re-employment for three years they may be given supervision of a new student.

Note: Retired teacher cannot be changed after the approval of synopsis. If there is a dire need, the second member will be replaced with Chairman of the supervisory committee.

(vi) Adhoc/contract teachers may act as supervisor/ member of the supervisory committee only where there is shortage of regular faculty members. Faculty on Tenure Track System (TTS) will be considered as regular faculty for the subject purpose.

10. (i) A student may be permitted to revise his/her GS/10 form within 20 days from the commencement of classes. After this period he/ she may be allowed to revise GS/10 form up to 28th day from the commencement of classes on payment of prescribed GS/10 revision fee.

(ii) The students of first semester may be allowed to revise his/her

GS/10 form within 30 days of the last date of enrollment.

11. (i) The admission of a candidate to a degree program shall be provisional in the 1st instance and shall be confirmed only when he/she has qualified the deficiency course(s) if any as determined by the respective Board of Studies.
(ii) A regular student is required to qualify prerequisite deficiency courses(s) during first academic year (Two regular semesters + following summer), otherwise his/her admission shall stands canceled, but this period will not be counted towards the residential period. However, a part time student may qualify prerequisite deficiency course(s) within three regular semesters and one summer session. If he/she fails to qualify the same during prescribed period his/her admission shall stand canceled. (Syndicate 29-02-2016)
Explanation: A part time student other than UAF stationed at Faisalabad will also be treated under the same regulation.

II. COURSE OF STUDY

12. All post-graduate courses will be designated as 700 numbers preceded by the suitable alphabets indicating the name of the respective department.

13. (i) A full time student can enroll up to 12 credits hours in a semester and 9 credits hours during summer session. However, Graduate Studies and Research Board may relax enrollment up to 3 credit hours for a semester/summer session in special cases.
Explanation: Students who enroll undergraduate deficiency courses may take credit hours like undergraduate students. (Syndicate 06-10-2018).
Note: The Board authorized the Vice Chancellor to relax enrollment up to 3 credit hours for a semester/summer session in special cases.
(ii) Out of the total number of credits referred to the Statute 4(i), only one credit each shall be earned through Seminar and Special Problem.
(iii) A course can be repeated three times (enrolled four times) at the most. The Controller of Examinations office will mention corresponding repetitions in the result notification and the student shall mention repetition status in the GS/10 form.
(iv) The Graduate Studies and Research Board, may consider credits earned by a student at another HEC recognized institution, subject to a maximum of 50 per cent of the minimum credits requirements for the degree, on the recommendations of Board of Studies/ Equivalence Committee provided that the contents of the course(s) for which credit is claimed, are identical or similar to the course included in his/her planned course work and the courses for which credit is claimed has not been used for another degree.
(v) Students would submit their course work program proforma (GS/12) during first semester and Synopsis proforma (GS/5) during 3rd semester of their program of study.
(vi) A course studied to qualify a degree will not be taken/ considered for any other higher degree program.
(vii) Deficiency courses once qualified will not lapse and shall not be called into question again and need not to be revalidated.
(GSRB 03-03-12).

14. No course shall carry more than 4 credits.

15. A student, who has taken the final examination of an approved course at the end of the semester, shall not be permitted to delete the course.

16. If admission cancelled on account of low GPA/CGPA i.e. 2.50/4.00, the courses earned by the student (s) will not be revalidated.
Explanation: Deficiency course(s) once qualified will not lapse and shall not be called into question again and need not to be revalidated.

III. EXAMINATIONS

(A) Examination Fee

16. University examination fee shall be charged at the time of enrollment of each semester.

(B) Tests and Examinations

17. (i) There shall be two examinations mid and final in each semester. In addition to these examinations the teacher shall give home assignments and quizzes etc. to the students. The form of these examinations will be left to the teacher who will be solely responsible for the conduct of examination as well as evaluation in his/her course. The grade given in the course by the teacher shall be final but discussed in the Board of Studies before submission of results.

(ii) Only those students, who have at least 75% attendance in theory and practical separately in each course, shall be eligible to appear in the final examination.

Note: Only those students having 60% attendance will appear in mid test examinations.

(iii) A teacher shall report to the Director Graduate Studies through the Chairman / Director and recommended by the Dean/DG/Principal, Names of the students who will remain absent (lecture/practical) continuously for a week without prior permission. Director Graduate Studies will cancel /struck off the admission of such students.

(iv) Students may seek readmission with the permission of the Director Graduate Studies on the recommendations of the Chairman/Director and Dean / Director General / Principal within time line i.e. upto 75% attendance (AC 28.2.2011).

18. The final examination for a semester shall be held on a date and time and place to be notified by the teacher in advance.

19. To pass a deficiency/compulsory minor course(s) a student is required to obtain at least "C"grade and these course(s) once qualified will not lapse and shall not be called into question again and need not to be revalidated.

20. The scripts of each examination shall be discussed with the students.

21. (i)The mid-semester examination shall be held during 9th week of the semester which shall carry 30 per cent of the total allocated marks for the course. This examination shall be held by the teacher concerned who shall determine the form of the examination.

(ii) For the purpose of evaluation, one credit will carry 20 marks e.g. a three credit hours course will carry 60 marks. These marks will be divided in accordance with The credits assigned to theory and practical for each course.

(iii) The following weightage shall be given to the examinations.

(a)	Mid-semester examination	30%
(b)	Home assignments quizzes	10%
(c)	Final examination	60%
	Total:	100%

(Fraction in total marks of a course will be rounded to the nearest whole number)

22. To qualify a course it is essential to pass separately in the theory and practical examinations.

23. (i) The teacher shall send the final award list along with answer sheets of mid, final and practical for the course to the office of the Controller of Examinations within 20 days after the end of a semester, Graduate Studies and Research Board may condone the delay in result submission upto one semester. A copy of the award list should also be sent to the office of the Chairman/ Director /Principal of the College and Director Graduate Studies. (AC 04-02-2019)

(ii) If a student appears in mid examination but cannot appear in final examination due to the reason(s) beyond his/her control except lecture shortage, may be awarded "I" grade. However, such student may appear within the next semester without enrolment of the said course. If he/she fails to qualify the said course, he/she will be awarded "F" grade.

Explanation:

(i) Result of the I-Grade will be submitted to the Office of the Controller of Examinations before the onset of the final examination of the next semester/session for which the subject is enrolled.

(ii) There will be no I-Gade during summer session.

(iii) There will be no condonation of delay for the submission of the I-Grade of the Office of the Controller of Examinations.

(iv) The result(s) of I-Grade will be endorsed from the teacher concerned and Chaieman/Director/Principal.

24. On receipt of the award lists, the Controller of Examinations shall notify the results and send copies to the Director Graduate Studies, Dean/ Director/Principal and the Chairmen of the Departments concerned, who will notify the complete result(s) within eight weeks after the termination of semester/session.

(C) Grade Point Average

25. Grade point and Equivalence between letter grading and Numerical grading shall be as follows:

Grade	Value	Marks(%)	Remarks
A	4	80-100	Excellent
B	3	65-79	Good
C	2	50-64	Satisfactory
I	-	-	In-progress
F	0	Below 40	Fail

26. (i) If a student fails to obtain GPA/CGPA of 2.50 at the end of each academic year (winter, Spring and following summer) his/her admission shall stand cancelled. However he/she may seek fresh admission but only once.

Note: The student who avails only one regular semester (winter/ spring) must obtain GPAof 2.50 at the end of summer session of the same academic year to remain on roll.

(ii) The Controller of Examinations will provide the list of those students who obtained low GPA/CGPA after every two semesters including Summer Session (Winter, Spring Semester and following Summer Session) to the Directorate of Graduate Studies for cancellation of admission.

Explanation: If admission is cancelled on account of low GPA/CGPA less than 2.50/4.00, the courses earned by the student (s) Shall not be revalidated.

27. A student, who obtains CGPA of 2.5 or more but less than 2.75 upon the completion of entire approved course work, may be allowed to repeat once the courses of the previous semesters in which he/she had obtained the lowest grades in order to improve the CGPA so as to obtain the minimum of 2.75 failing which he/she shall cease to be on the rolls. (Syndicate 28-06-2014)

28. (i) CGPA of 2.75 out of 4.00 is required to submitt his/her thesis and qualify for the award of degree.

(ii) A student shall be eligible for the award of the MS/MPhil/ MSc (Hons)/MBA degree upon meeting the following conditions:

a. Academic Performance:

Completion of all prescribed coursework with a minimum CGPA of 2.75 out of 4.00.

b. Research Component:

Submission of a research thesis in partial fulfillment of the degree requirements, duly approved by the supervisory committee and external examiner.

c. Additional Requirement (Any one of the Following):

Acceptance of a Journal Article (Research/review paper, short communication, case study and technical note etc.) from thesis in a journal having ISSN or recognized by the Higher Education Commission (HEC).

Note: In the research paper, the name of the scholar will be added as an author at 1st place and the supervisor will be the corresponding author.

Further, special permission will be required from the Competent Authority on acceptance for review but not for publishing.

OR

Incubation of student led company with University Incubation Center

OR

Filing a Patent Application with IPO-Pak or WIPO through ORIC, reflecting original and applicable his/her thesis research.

(D) Thesis Examination

29. (i) A student shall be entitled to submit thesis for examination after he/she has qualified the approved courses work and has also fulfilled the residential requirements. He/she is required to submit E-30 form and thesis examination fee before the submission of semi-final thesis.

(ii) The thesis shall be prepared according to the guidelines approved by the Graduate Studies and Research Board. Semi-final thesis signed by supervisory committee and Chairman of the Department/Director of the Institute/Principal of Sub-Campus through Dean shall be submitted to the office of the Director, Graduate Studies for scrutiny within the deadline fixed for this purpose. The observation on any shortcomings shall be recorded on the observation form. After issuance of similarity index report by QEC, two copies of the final thesis accompanied by four copies of covering letter shall be processed through the Chairman of Department/Director of Institute/Principal of Sub-Campus, Dean of the Faculty concerned and entered in record by Director Graduate

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Studies. (AC 04-02-2019)

(iii) The thesis duly certified by the supervisory committee that the contents and form of the thesis are satisfactory for submission, two copies of the thesis along with three copies of the covering letter shall be submitted in the office of the Chairman/Director/Principal concerned. One copy of covering letter shall be retained by Dean and the other copy endorsed by the Dean shall be sent to the Controller of Examinations to record that the thesis has been finally submitted. A panel of five external examiners per student, approved by the Board of Studies shall be submitted by the Chairman of the Board of Studies to the Dean of the Faculty /Principal of Sub-Campus concerned who will appoint one examiner. The same panel of examiners in original shall be sent by the Dean of the Faculty/ Principal of Sub-Campus to the Controller of Examinations. In case of any objection on the student's file, the Controller of Examinations shall intimate the Dean of the Faculty /Principal of Sub-Campus for its rectification well in time. (AC 04-02-2019)

30. After verification from the record of the student, the Controller of Examinations shall send appointment letter accompanied by award list to the supervisor and external examiner. The thesis shall be evaluated by a Board of Examiners comprising members of the supervisory committee and external examiner. At least three members of the Boards of Examiners of whom one must be an external examiner shall for the purpose of evaluating the thesis, hold a viva voice examination and such other tests as they consider necessary. The external examiner shall be given reasonable time to go through the contents of the thesis critically. The viva voice examination would be conducted at least seven days after the receipt of thesis by the external examiner. (AC 04-02-2019).

Explanation: Vice Chancellor may allow earlier to conduct thesis viva voice exmaniation after the receipt of thesis by the external exminer one or two days on case to case basis (AC 23-07-2020)

31. The thesis shall be evaluated by the Board of Examiners according to the following numerical and letter grades:

(i) There shall be 120 marks corresponding to 6 credit hours allocated for thesis and these may be divided as under:

(a) Twenty five percent marks will be reserved for the evaluation of technical knowledge of the topic as well as general knowledge about the subject of the degree program.

(b) Fifty percent marks will be reserved for the subject matter of the thesis such as the originality and justification of research, quality of data, interpretation of data, conclusions drawn and achievements of the objectives of the research.

(c) Twenty five percent marks will be reserved for technical aspects of presentation such as consistency, illustration, diagrams, references, English grammar, vocabulary and quality of typing.

(ii) Total marks so awarded will be converted into a letter grade as prescribed in regulation No. 25 and average grades on the basis of course work and thesis will then be worked out to calculate the final CGPA.

(iii) The thesis evaluation will be conducted within four months from the date of dispatch of external examiner's appointment letter from the office of Controller of Examinations, failing which the student will be declared/assumed fail in the thesis examination and shall be notified by the office of the Controller of Examinations. Under unavoidable circumstances the thesis examination may be conducted through video conference arrangement if a student/supervisor/member is at abroad. However, the Vice Chancellor may allow extension for thesis evaluation up to six months in hardship cases. (AC 04-02-2019).

Note: If a student fails to appear in viva voce examination, within prescribed duration, he/she will be declared fail, however, he/she may seek readmission only once within the period of residential requirements on payment of prescribed fee.

(iv) The supervisor shall fix the time, date and venue in consultation with the external examiner and inform the members of supervisory committee about the conduct of thesis viva voice examination. (AC 04-02-2019)

(v) The marks awarded by the external examiner and members of

supervisory committee, and a certificate from the supervisor on the award list that hard bound copies have been submitted by the student to him/her, Chairman/Director/Principal office and University main Library (CD also to be provided) after making suggested corrections (if any), shall be sent to the Controller of Examinations for issuance of final notification for the award of degree. Two bound copies of thesis to be submitted by the student within two months after evaluation otherwise, his/her admission shall stand canceled. (AC 04-02-2019)

Note: If a student fails to submit his/her final thesis (hardbound copy) within the prescribed duration, his/her admission stand cancelled. However, the Vice Chancellor may allow re-admission and extension for thesis (hardbound copy) submission up to six months on the reasons to be recorded duly recommended by the supervisor, Chairman/ Director/ Director General/ Principal/ Dean, but only once within the period of residential requirements on payment of prescribed one Semester fee.

32. In case of disagreement between the Supervisory Committee and the External Examiner regarding the acceptance of the thesis, it shall be referred to another external examiner whose decision shall be final.

33. If a candidate fails in the thesis examination, he/she may resubmit a revised thesis within six months after the date of declaration of the result of the last thesis examination, on payment of prescribed thesis examination fee. He/she can avail this chance only once. (Syndicate 06-10-2018)

34. If the thesis, submitted by a candidate for final evaluation, is proved to be copied/ plagiarized at the time of viva-voice examination, it will be liable to be rejected on the report of Board of Examiners and the Controller of Examinations will declare the candidate fail in thesis examination. The admission of such candidate shall be canceled and he/she shall not be readmitted under any circumstances.

35. (a) If the thesis of a candidate is proved to be plagiarized after its evaluation and declaration of result, previous result of the candidate will be canceled and he/she will be declared to have failed in thesis examination, such a candidate shall not be readmitted to M.Sc. (Hons.) M.Phil./M.S. under any circumstances.

(b) The student shall submit two copies of hard bound final thesis and his/her supervisor will provide soft copy of the thesis to the controller of Examinations Office through his/her official e-mail for declaration of final result. (GSRB 30-12-14)

(E) General Regulations

36. (i) The students who will enroll 5th and 6th semesters will have to pay additional fee of 25% and 100%, respectively over and above the regular fee.

(ii) Normal residential period of the MSc (Hons)/M Phil/MS part time students Employee of Govt./Autonomous agencies/outsider is 7 semesters, therefore 7th semester will be treated as extra semester and the student will have to pay additional fee of @25% and 100%, respectively over and above the regular semester fee.

37. The students who enroll extra semesters beyond their minimum residential requirement/submit final thesis will not be allowed hostel accommodation.

38. Office of the Controller of Examinations shall keep scripts of student's examinations for one semester.

39. Extra fee of Rs. 5,000/- per course may be charged in addition to normal dues for repeating the course after 4th semester (morning programs). The office of Treasure will maintain separate accounts of fee for extra semesters/repeating courses under morning and evening program.

40. For minor change(s) in the title of synopsis/thesis a letter from the supervisory committee of the student will serve the purpose. However, the change(s) in the synopsis/thesis etc. will be notified by the office of the Director Graduate Studies.

41. For minor and major changes in the GS-10 form the student will pay Rs.625/- and Rs. 1250/- respectively as GS-10 correction/revision fee, on the recommendation of the Director Graduate Studies. However, it will be notified by the office of the Director Graduate Studies. (Syndicate 06-10-2018).

IV. MBA (EVENING) /MBA (EXECUTIVE) WEEKEND

The candidates admitted to MBA/MS after 16 years of education will have to abide by all other statues/regulations to the 18 years of degree

programs.

i. MBA program duration and credit hours requirements:
Currently, the IBMS is offering MBA (3.5 years), MBA (2.5 years) and MBA (1.5 years). These different durations and resulting MBA degree titles will cease to exist from Winter Semester 2019-2020. According to revised Business Education Road map, the IMBS will offer MBA degree program from Winter 2019-2020 with the following features.

a. The duration of MBA degree program will be two years with a minimum requirement of 60-66 credit hours offered from the already approved postgraduate courses of IBMS.

b. A sixteen years undergraduate qualification will be admission requirement for MBA degree program.

c. The course work will be spread in four semesters. In the third semester, students will have to opt any of the specializations i.e. Marketing, Finance, HRM, Agribusiness and MIS.

d. In the fourth semester, the students will have a choice either to take a 6 credit thesis or two courses for earning their MBA degree.

II. MBA DEGREE PROGRAM

In line with the revised business education road map, the MBA program shall comprise of 60-66 credit hours (2 years duration) including 36 credit hours of core courses and 24-30 credit hours of elective/ specialization courses.

iii. A teacher/researcher/administrative staff of the University of Agriculture, Faisalabad will not be considered for admission as part time student, he/she will have to take leave from the university and pay full University dues.

iv. A full time student can enrol according to the fixed scheme of study (MBA 2 Year and MBA (Exec) after 16 years of Education) (Syndicate 31-08-2019).

v. MBA degree not to be blended with any caption
The MBA degree will not be blended with any caption and duration. Specializations will, however, be mentioned on the DMC.

MBA (EXECUTIVE) DEGREE PROGRAM

The eligibility criteria for Executive MBA program offered by IBMS shall be 16 years of education with 3 years of professional experience. The program shall comprise a minimum of 60-66 credit hours offered from already approved postgraduate courses of IBMS.

vii. Eligibility of MBA/MS students for admission to the PhD program
For admission to PhD program, the existing eligibility criteria of UAF would remain intact and preference should be given to those who have completed their terminal degree with thesis.

STATUTES AND REGULATIONS RELATING TO THE DEGREE OF
DOCTOR OF PHILOSOPHY
IN FULL AND PARTIAL RESIDENCE

STATUTES

DURATION AND REQUIREMENTS OF DEGREE PROGRAM

1. (i) The duration for the degree of PhD shall not be less than six and more than sixteen (3-8 years) semesters in full residence.
Explanation: PhD scholar will have to submit his/her thesis within 12 semester (6 years). However, the Controller of Examination Office shall issue notification for the award of degree within 16 semester (8 years). (Syndicate 28-05-2023)
Note: PhD degree program cannot be offered under evening/weekend or part time program. (Syndicate 30-06-2022)
(ii) (a) The employees of the government/public, private* and other Autonomous agencies nominated for the degree of Doctor of Philosophy at this University shall have to take leave to pursue studies as a regular student or NOC for part time/flexible student with obligations failing which he/ she shall not be admitted. However, after getting admission by a nominee in the University, it would be obligatory for the parent department to sanction the Study Leave or extension in leave when required recommended by the respective BoS in favour of the nominee within one semester; otherwise, his/her admission shall stand cancelled.
(b) If an employee of the Govt./ public, private*/Autonomous agencies gets NOC from his/her department/ Competent Authority, he/she will get admission as flexible PhD student and pursue his/her studies in PhD degree program if he/she is posted within the range of 60 km of UAF or its Constituent Colleges. (Students admitted will be considered as flexible PhD option, however, they will enroll upto two courses, one seminar and Special Problem per semester and pay 20% extra fee along with full fee as admissible under regular programs.
(iii) The supervisors of PhD students shall submit a report with regard to each PhD student showing general progress particularly in research, such report shall be submitted on prescribed form (GS/13) after each semester to the Graduate Studies and Research Board through the Chairman of the Department/Dean/ Director/Principal concerned.
(iv) The medium of instruction and examination shall be English.

2. (i) There shall be 2 semesters (Winter and Spring) of 19 weeks each and a summer session of 8 to 10 weeks in each academic year. The commencement of semesters shall be regulated by the Academic Council.
Explanation: Out of 19 weeks, 16 weeks shall be actual teaching time; the rest may be utilized for enrollment, conduct of examinations and declaration of results, etc.
(ii) (a) Summer session shall be optional. Students, who desire to take deficiency/compulsory minor courses as approved in their course work programs, failed courses and the courses in which they are allowed to improve grades under the rules, may enroll during this session. It shall not count towards residential requirements. (Senate 10-11-2016)
(b) In Summer session double classes will be held to compensate the normal study hours of a regular semester and 75% attendance in theory and practical separately for each course, shall be observed.
Note: Only those students having 60% attendance will appear in mid test examinations.

3. The subjects of study for the degree programs are given in schedule-ii which may be amended from time to time. A student shall present an acceptable thesis in addition to completing his/her approved Course Work and comprehensive examination in order to qualify for the award of the degree.

4. A student admitted to the degree program shall be required to undertake the following course work:
(i) He/she shall take minimum 18 credits followed by comprehensive Examination. He/she will have to defend PhD synopsis and thesis at University level. Deficiency/minor course(s) shall not be counted toward the minimum credit hours requirement.

(ii) The credit hours in the course work shall be two third from the major and one third from the minor field (s) of study. The minor field(s) of study be determined by the Supervisory Committee. **(**AC 06.05.2017)

Explanation: The ratio of major and minor courses would be 2:1 and shall not apply to credits taken over and above the minimum requirement of 18 credits.

Example: The number of minimum credits under major and minor courses will be 12 and 6.

(iii) The following courses shall be compulsory:

(a) Courses (Stat-703 or Stat-704) shall be compulsory minor for students in sciences, Biological Sciences, Agri. Engg. or Social Sciences, respectively.

(b) Courses (Soil Physics and Advanced Programming) may be minor/ compulsory minor for students in the discipline of Agri. Engineering. (AC 06-05-2017)

(c) Courses (SE-718 and Math-703) shall be minor and compulsory minor, respectively for students of the Institute of Agricultural and Resource Economics and disciplines of Rural Sociology, and Rural Development.

(d) (i). Biochemistry shall be compulsory minor course for students of the Faculties of Agriculture, Veterinary Science, Animal Husbandry and in disciplines of Botany, Chemistry, Zoology and Food Technology, except those who have already taken equivalent course(s) from other HEC recognized institutes.

(ii). IS-729 and IS-730 for Muslim and PS-729 and PS-730 for non-Muslim shall be compulsory for all students enrolled to PhD degree program

(e) (i) Courses taken as compulsory minor shall not be counted toward minor field required under Statute 4 (ii).

(ii) but will be counted in GPA/ CGPA (Senate 11/03/2013)

5. The academic matters of the institutes would be routed through the Dean of the faculty concerned until the constitution of their own Faculty Boards.

REGULATIONS

I. ADMISSION TO THE COURSE

1. A candidate seeking admission to the degree must:

(i) have passed M.Sc. (Hons.)/M.Phil./M.S/ six years education after F.A./F.Sc. for the degree on the basis of which admission is requested, in at least first division/CGPA 3.00 and qualified a GRE (subject) Type Test as may be prescribed by HEC and adopted by the Graduate Studies and Research Board of University of Agriculture, Faisalabad.

(ii) Prior to entry into a PhD program, the student shall have been awarded his or her MS/MPhil/MSc (Hons) or equivalent degrees (18 years of Education). (Syndicate 23-08-2021)

(iii) For admission in PhD programs, a minimum CGPA of 3.0 (out of 4.0 in the semester system) or First Division (in the annual system) in the most recent degree obtained is required, whether such was degree obtained from Pakistani or foreign universities.

(iv) Produce at the time of the first enrollment, a certificate from the University Resident Medical Officer to the effect that he/she is free from any communicable (contagious) disease or mental or physical disability which is likely to stand in the way of his/her pursuing the chosen field of study.

2. (i) As part of the application for admission to PhD programs, applicants shall be required to submit a statement of purpose, which shall form an integral part of the application, further a consent letter from the prospective supervisor is required. The admissions committee shall use the information provided to ascertain the preparedness and interest of the candidate in pursuing doctoral studies, and whether the department has the requisite resources to train and supervise the doctoral candidate in the subspecialty he or she is interested in. (Syndicate 23-08-2021)

Note: PhD candidates can find their prospective Supervisor or Vice Versa and finalize their research proposals and titles. Such candidates may get consent letters, mentioning the funding or other collaboration with the industry from their prospective supervisors and present at the

time of interview for PhD admission. The respective Board of Studies will discuss these consent letters before the interview for admission. In the admission offer list, the title of the research and the name of supervisor will be displayed against each selected candidate. The supervisor who has consented the PhD scholar with afore mention criterion will not be changed without his/her consent.

(ii) If the applicant has a strong interest in pursuing a PhD degree in a different discipline and, in accordance with the department's policy, the admissions committee is satisfied that the applicant's prior education has sufficiently prepared him or her to undertake the course of studies of the doctoral program (or, in the opinion of the admissions committee, the preparation can be deemed satisfactory by taking a few additional courses after starting the program), the applicant shall be considered for admissions notwithstanding their prior qualification in a different discipline. (Syndicate 23-08-2021)

(iii) If the course(s) studied by a candidate in his /her previous degree (on the basis of which admission is requested) does not provide adequate background for the degree program of study, he/she may be required to rectify the deficiency by taking additional course(s) as determined by the respective Departmental Board of Studies.

3. Candidates may be admitted at the beginning of each semester. If a candidate fails to complete enrollment, his/her admission shall stand canceled. However, nominees of HEC, UAF, foreign countries and other Government organizations, may be admitted up to the end of each semester with the condition that they will enroll without taking any course. They will submit signed GS/10 forms (without any course).The semester enrolled, however, will be counted towards their residential requirement.

4. A teacher/researcher and administrative staff of the University of Agriculture, Faisalabad (permanent, temporary, adhoc or on contract basis) will be considered for admission to PhD having NOC from the Competent Authority of the university through respective Board of Studies as flexible part time student; will be allowed to enroll maximum of two courses, one seminar and Special Problem in a semester with the 20% extra fee with the payment of full fee as admissible under regular programs. In case, he/she intends to take maximum credit hours allowed to a full-time student then he/she will have to take leave from the University and pay full University dues.

5. (i) The admission to a degree program shall be made by the Graduate Studies and Research Board on the basis of merit list prepared and checked by the Director Graduate Studies.

(ii) Lists of selected candidates would be displayed by the Director Graduate Studies and if needed subsequent lists would be displayed till the last seat is filled up.

Explanation: The last list would be displayed keeping in view that 75% attendance in lectures would not suffer.

(iii) The Graduate Studies and Research Board may refuse admission to a candidate without assigning any reason.

Explanation: All those students who were awarded minor penalty of fine of Rs. 2500/-and above twice on account of their misconduct during the course of their postgraduate studies as the case may be shall be debarred from admission to the next study program for a period of two years after completion of their respective degree. After two years, they may be considered for admission to the postgraduate degree on the recommendations of the Students Affairs committee. In the same context, the students who were awarded a major penalty will be debarred for admission to a degree program for a period of three years. They may be considered for admission after 3 years after completion of their respective degree, on the recommendations of Student's Affairs Committee.

6 (i) A candidate admitted to a degree program shall, far so long as he/she has not submitted final thesis, have to enroll for each semester.

(ii) A student may discontinue enrolled semester before appearing in the final examination with the permission of the Vice Chancellor obtained through the Director, Graduate Studies on the recommendations of the Dean/Director/Principal, on account of sickness duly certified by the University Medical Officer or due to circumstances beyond his/her control.

Note: The period of discontinuation of semester will not be counted toward(s) his/her residential period.

(iii) The facility of discontinuation shall be availed only once during whole degree program.

(iv) A student so permitted to discontinue is required to resume his/her studies from next semester on the recommendations of Chairman/Director/Principal/ Dean concerned and notified by the Director Graduate Studies.

(v) (a) A fellowship Awardee (HEC/Non HEC) will join a training program without discontinuation. On his/her return he/she would have to meet the enrollment formalities (Ex-post facto) of the training period. The training period however, will not be counted towards residential period and the trainee will not claim for appreciation letter and cash prize. (Syndicate 16.12.15)

(b) The name of the foreign scientists under whom the student completed his/her foreign training program will not be included in the panel of examiners for PhD thesis evaluation. (Syndicate 28.06.14)

7. (i) The prescribed form (GS/10) complete in all respect and accompanied by proof of fee paid (bank receipt) shall be presented to the office of the Chairman/Director/ Principal concerned on the day(s) notified for enrollment.

Explanation: The concerned Department/Institute/Sub Campus will hand over the GS-10 forms (four copies) to the office of the Director Graduate Studies through Dean of the Faculty on next day of enrollment. The Office of Director Graduate Studies after thorough scrutiny will send the GS-10 forms to the Controller of Examinations and Chairman concerned before commencement of mid examinations. (AC 05-06-2018)

(ii) The Director Graduate Studies under special circumstances and on payment of late fee prescribed for this purpose, may permit a student to enroll within ten days after the commencement of the classes.

(iii) The Vice Chancellor may allow a student to enroll till the last day of the 4th week after the commencement of classes under special circumstances, in individual cases and reasons to be recorded, with double late fee prescribed for this purpose.

Explanation: After 4th week the Vice Chancellor may also decide the request (s) of the student (s) on case to case basis with fine (in addition to double late fee). However, such students would be themselves responsible for consequences (if any) of late enrollment (AC 06-05-2017).

(iv) Enrollment in absentia is not allowed. Student is required to be present in person with a proof of identification (University Identity Card or Computerized National Identity Card etc.) for enrollment.

(v) Enrollment will only be considered completed when GS/10 form is submitted to the office of the Director Graduate Studies. Only depositing of fee will not serve the purpose.

8. (i) If a student fails to enroll in any semester without permission of the competent authority, he/she shall cease to be on the rolls of the University and in case he/she desire readmission, he/she shall have to apply for the same.

(ii) The Graduate Studies and Research Board may readmit such a candidate subject to payment of Rs.2500/- as readmission fee and Rs.25,000/- as per semester(s) gap fee and the period of gap semester(s) will also be counted toward(s) his/her residential period.

(iii) The GSRB may refuse admission if the reasons presented are not convincing.

Note: The Board authorized the Vice Chancellor to decide the fate of ex-post facto enrolment / restoration of admission in the light of recommendation of the respective Dean.

9. (i) (a) The supervisory committee of a student for course work and research shall be proposed by the respective Board of Studies during 1st semester (SOPs approved by the Syndicate 10-11-2025).

(b) Supervisory Committee shall consist of two teachers from the major field of study and one from the minor field of study. However, the supervisor must be from the same university. An outstanding PhD faculty member from another university/research institution can

be a co-supervisor on the supervisory committee. Faculty members of relevant disciplines from UAF/ UAF Constituent Colleges may be included as supervisor/member, however, faculty members/ researchers/ Adjunct faulty from DAI/HEI and Research Institutes may be opted as members/Special member on the supervisory committee.
(c) Supervisor of the student will act as chairman of the supervisory committee.
(d) Supervisory committee proposed by the respective Board of Studies and recommended by the Chairman/Director of the institute/ Principal and Dean of the faculty concerned shall be approved by the Graduate Studies and Research Board and would be notified by the Director Graduate Studies.
(e) Supervisory committee may be revised according to the regulation (9 (i) (a to d) and (v) for the reasons of change to be recorded.
(ii) In case, a student duly recommended by the Chairman and Dean/ Director/ Principal concerned to conduct his/her complete/part of thesis research in other institution/ laboratory, is allowed by the Director Graduate Studies, the helping scientist may be taken as co-supervisor on the supervisory committee of the student.
(iii) The Professor emeritus may act as supervisor/member of supervisory committee if he/she is stationed at Faisalabad.
(iv) Foreign Faculty members, HEC National Professors/ HEC eminent scientists may act as supervisor/ member of the supervisory committee provided that they are appointed for three years.
(v) Retired teachers of the University of Agriculture, Faisalabad may continue as supervisor/member of the supervisory committee to their previous postgraduate students if they had supervised the students upto the approval of the synopsis. However, on re-employment for three years they may be given supervision of a new student.
(vi) Adhoc/contract teachers may act as supervisor/ member of the supervisory committee only where there is a shortage of regular faculty members. Faculty on Tenure Track System (TTS) will be considered as regular faculty for the subject purpose.
Note: Retired teacher cannot be changed after the approval of synopsis and qualifying comprehensive examination of the student. If there is a dire need, the second member will be replaced with Chairman of the supervisory committee.

10. (i) A student may be permitted to revise his/her GS/10 form within 20 days from the commencement of classes. After this period he/she may be allowed to revise GS/10 form up to 28th day from the commencement of classes on the payment of prescribed GS/10 revision fee.
(ii) The students of first semester may be allowed to revise his/her GS/10 form within 30 days of the last date of enrollment.

11. (i) The admission of a candidate to a degree program shall be provisional in the 1st instance and shall be confirmed only when he/ she has qualified the deficiency course(s) if any as determined by the respective Board of Studies. (Syndicate 30-06-2022)
(ii) A regular student is required to qualify prerequisite deficiency courses(s) during first academic year (Two regular semesters +following summer) and this period will not be counted towards his/her residential period. If he/she fails to qualify the same during prescribed period his/ her admission shall stand cancelled.

II. COURSE OF STUDY

12. All post-graduate courses will be designated as 700 numbers preceded by suitable alphabets representing the name of respective department.

13. (i) A full time student can enroll up to 12 credits hours in a semester and 9 credits hours during summer session. However, Graduate Studies and Research Board may relax enrollment up to 3 credits hours for a semester/summer session in special cases.
Explanation: Students who enroll undergraduate deficiency courses may take credit hours like undergraduate students. (Syndicate 06-10-2018)
Note: The Board authorized the Vice Chancellor to relax enrollment up to 3 credit hours for a semester/summer session in special cases.
(ii) Out of the total number of credit hours referred to Statute 4(i), only two credit hours shall be earned through seminar and one through special problem. Out of these two seminars, 1st seminar should relate to the review, whereas, 2nd seminar will be delivered at the time of

preparation of synopsis, at university level. The seminar will be taken in alternate semester.

Note: After the synopsis defence PhD scholar have to submit the synopsis within four (04) weeks and get approval from Competent Authority on behalf of GSRB before the Comprehensive oral Examination through the Directorate of Graduate Studies, otherwise his/her admission shall stand cancelled.

(iii) A course can be repeated three times (enrolled four times) at the most. The Controller of Examinations office will mention corresponding repetitions in the result notification and the student shall mention repetition status in the GS/10 form.

(iv) The Graduate Studies and Research Board, may consider credits earned by a student at another HEC recognized institution, subject to a maximum of 50 per cent of the minimum credits requirements for the degree, on the recommendations of Board of Studies/ Equivalence Committee provided that the contents of the course(s) for which credit is claimed, are identical or similar to the course included in his/her planned course work and the courses for which credit is claimed are not used for another degree.

(v) Students would submit their course work program (GS/12) during first semester and Synopsis (GS/5) after the synopsis defence within four weeks before the Comprehensive oral Examination of their program of study.

(vi) A course studied to qualify a degree will not be taken /considered for any other higher degree program.

14. No course shall carry more than 4 credit hours.

15. A student, who has taken the final examination of an approved course at the end of the semester, shall not be permitted to delete the course

16. Credits earned for a course shall lapse on the expiry of five years for regular students from the end of the semester in which the course was qualified. Credit earned, will not lapse after qualifying the comprehensive examinations (written and oral). Graduate Studies and Research Board may, however, revalidate the lapsed courses for special reasons to be recorded. (Syndicate 30-06-2022)

Note: If a candidate fails to qualify comprehensive examination (written/oral), the courses earned by him/her shall not be revalidated.

Explanation: Deficiency course(s) once qualified will not lapse and shall not be called into question again and need not to be revalidated.

III. EXAMINATIONS

(A) Examination Fee

17. University examination fee shall be charged at the time of enrollment of each semester.

(B) Tests and Examinations

18. (i) There shall be two examinations mid and final in each semester. In addition to these examinations the teacher shall give home assignments and quizzes etc. to the students. The form of these examinations will be left to the teacher who will be solely responsible for the conduct of examination as well as evaluation in his/her course. The grade given in the course by the teacher shall be final but discussed in the Board of Studies before submission of results.

(ii) Only those students, who have at least 75% attendance in theory and practical separately in each course, shall be eligible to appear in the final examination.

Note: Only those students having 60% attendance will appear in mid test examinations.

(iii) A teacher shall report to the Director Graduate Studies through the Chairman/Director and recommended by the Dean/DG/Principal, names of the students who will remain absent (lecture/practical) continuously for a week without prior permission. Director Graduate Studies will cancel /strike off the admission of such students.

(iv) Students may seek readmission with the permission of the Director Graduate Studies on the recommendations of the Chairman/Director and Dean / DG / Principal within time line i.e. upto 75% attendance.

19. The final examination for semester shall be held on a date and time and place to be notified by the teacher in advance.

20. (i)To pass deficiency course(s) a student is required to obtain at least "B" grade.

(ii) To pass compulsory minor course(s) a student is required to obtain

at least"C" grade.

21. The scripts of each examination shall be discussed with the students.

22. (i)The mid-semester examination shall be held during 9th week of the semester which shall carry 30 per cent of the total allocated marks for the course. This examination shall be held by the teacher concerned who shall determine the form of the examination.
(ii) For the purpose of evaluation, one credit will carry 20 Marks e.g. a 3 credits course will carry 60 marks. These marks will be divided in accordance with the credits assigned to theory and practical for each course.
(iii) The following weightage shall be given to the examinations.

(a)	Mid-semester examination	30%
(b)	Home assignments/quizzes	10%
(c)	Final examination	60%
	Total:	100%

(Fractions in total marks of a course will be rounded to the nearest whole number).

23. To qualify a course it is essential to pass separately in the theory and practical examinations.
(i) The teacher shall send the final award list along with answer sheets of mid, final and practical for the course to the office of the Controller of Examinations within 10 days after the end of a semester. Graduate Studies and Research Board may condone the delay in result submission upto one semester. A copy of the award list should also be sent to the office of the Chairman/ Director /Principal of the College and Director Graduate Studies. (Syndicate 30-03-2019)
(ii) If a student appear in mid examination but cannot appear in final examination due to the reason(s) beyond his/her control except lecture shortage, may be awarded "I" grade. However, such student may appear within the next semester without enrollment of the said course. If he/she fails to qualify the said course, he/she will be awarded "F" grade.

Explanation:

(i) Result of the I-Grade will be submitted to the Office of the controller of Examinations before the onset of the final examination of the next semester/session for which the subject is enrolled.
(ii) There will be no I-Gade during summer session.
(iii) There will be no condonation of delay for the submission of the I-Grade of the Office of the Controller of Examinations.
(iv) The result(s) of I-Grade will be endorsed from the teacher concerned and Chaieman/Director/Principal.

24. On receipt of the award lists, the Controller of Examinations shall notify the results and send copies to the Director Graduate Studies, Dean/ Director/ Principal and the Chairmen of the Departments concerned, who will notify the complete result(s) within eight weeks after the last date of submission of result(s).

(C) Grade Point Average

25. Grade point and Equivalence between letter grading and numerical grading shall be as follows:

Grade	Value	Marks(%)	Remarks
A	4	80-100	Excellent
B	3	65-79	Good
C	2	50-64	Satisfactory
I	-	-	In-progress
F	0	Below 40	Fail

26. (i)If a student fails to obtain CGPA of 3.00 at the end of each academic year (Winter, Spring and following summer) his/her admission shall stand canceled. However he/she may seek fresh admission but only once.

Note: The student who avails only one regular semester (winter/ spring) must obtain GPA of 3.00 at the end of summer session of the same academic year to remain on roll.

Explanation: If admission is cancelled on account of low GPA/CGPA less than 3.00/4.00, the courses earned by the student (s) shall not be revalidated.
(ii) The Controller of Examinations will provide the list of those students who obtained low GPA/CGPA after every two semesters including Summer Session (Winter, Spring Semester and following Summer

Session) to the Directorate of Graduate Studies for cancellation of admission.

(D) Comprehensive Examination

27. A PhD scholar will qualify comprehensive examination, within first three years as a regular student. Failure to qualify comprehensive examination within prescribed duration will render the admission cancelled.

Explanation: The comprehensive examination shall be arranged within 10 weeks while the date and venue of the examination shall be notified within the first week of the termination of each regular semester. A student will have to apply for a comprehensive examination on the prescribed form (E-30) after the completion of course work, at least four weeks before the examination. If a student does not apply within the specified period or does not appear in the examination, he/she will be deemed to have availed one chance and failed to qualify in the first attempt. (AC 12-06-2024)

28. The comprehensive examination will cover both major and minor fields of study and will consist of a written part followed by an oral part. It will be designed to ascertain whether the student has attained the breadth of knowledge and the intellectual maturity necessary to become a successful scholar in his/her chosen discipline. It will not be a mere re-examination of previous courses but will test the students' ability to integrate and assimilate the knowledge obtained from the courses, seminars and independent studies.

29. A student has to apply on the prescribed form for comprehensive examinations to the office of the Director Graduate Studies (for 1st and 2nd attempts) under Regulations 27 and 30. In case the student does not apply/appear in the examination, his/her chance will lapse.

30. If a student does not qualify written part of the comprehensive examinations, he/she shall be eligible to appear again but only once and in next examination from the date of the declaration of the result. (Syndicate 31-08-2019)

31. A student who has passed the comprehensive examination shall be deemed to have become a candidate for admission to PhD degree.

Comprehensive Examination - Written Part

32. The Controller of Examinations shall, with the approval of the Vice Chancellor, notify the date, time and venue of the examination at least two weeks before the commencement of the examination.

33. Examiners for the written comprehensive examination shall be appointed by the Vice Chancellor, processed through Controller of Examinations office from a panel of examiners (three for each paper) proposed by respective Board of Studies. The number of papers shall be three (two in major and one in minor fields).

34. Each member shall, within seven days after the receipt of the answer books, return them duly marked to the Controller of Examinations along with the award list.

35. (i) To pass the written examination a student must secure 65% marks in each paper separately.
(ii) If a student fails in two or more papers, he/she will be re-examined in all the papers. In case a student fails in one paper, he/she can reappear only in the failed paper but only once in the next examination (If the permissible chance is available under regulation No. 29).

Comprehensive Examination - Oral Part

36. A student shall be eligible to appear in oral part after qualifying the written part. The Controller of Examinations shall in consultation with the Chairman, Boards of Examiner, notify the date, time and venue for the oral comprehensive examination through video conference within ten weeks after the date of declaration of the result of the written comprehensive examinations.
Note: However, Vice Chancellor may allow to extend the date to conduct the oral comprehensive examination upto two weeks on the reccommendation of Controller of Examinations on case to case basis.

37. (i) For oral comprehensive examinations, the Board of examiners will comprise of: (i) Three Examiners of written part (ii) Dean of the Faculty/ Director/Director General
(ii) Two members appointed by the Vice Chancellor (V C nominees) amongst the University teachers. Chairman of the Board of Examiners for oral examination will be appointed by the Vice Chancellor.
(AC 09.06.2012)

(iii) The duration of oral comprehensive examination will be three hours. It will be held in the video Conference room and all proceedings of the examination will be recorded.

38. The Chairman of the Board of Examiners shall be responsible for the conduct of the oral examination and shall determine the order in which each member of the Board shall put questions to the student. The members shall be free to ask any number of questions.

39. At the conclusion of the oral examination, each member shall separately grade the student and the Chairman of the Board of Examiners shall forward the award lists to the Controller of Examinations.

40. (i) To pass the oral examination a student must secure 65% marks. During the conduct of oral comprehensive examination if consensus emerges that the student has qualified except one examiner, the student will be considered 'qualified'.

(ii) If a student fails to qualify oral examination he/she will be re-examined only once within three months after the declaration of oral examination result.

(E) Thesis Examination

41. A candidate who has passed both the written and oral parts of comprehensive examination shall be allowed to submit thesis. But before submission, PhD thesis will be placed in the office of the Director/Chairman of the concerned Institute/Department/Center for one week prior to its submission for foreign evaluation. The Faculty and students will be invited through campus news to peruse the thesis for any suggestions/corrections. The suggestions received if in order will be incorporated through the supervisory committee.
(AC 06-05-2018)

(ii) Each PhD researcher shall be required to write a doctoral dissertation that meets the minimum criteria. The PhD dissertation shall be supervised by a faculty member who holds a PhD (or equivalent) degree and is an HEC approved supervisor. At the time of appointment as supervisor, the faculty member shall be a full-time faculty member of the university in which the student is enrolled. (Syndicate 23-08-2021)

42. (i) A student shall be entitled to submit thesis for examination after he/she has qualified the approved course work, qualified the comprehensive examination (written and oral) and has also fulfilled the residential requirements. He/she is required to submit E-30 form and thesis examination fee before the submission of semi-final thesis.

(ii) The thesis shall be prepared according to the guidelines approved by the Graduate Studies and Research Board and shall be submitted to the office of the Director Graduate Studies

(iii) The thesis duly certified by the supervisory committee that the contents and form of the thesis is satisfactory for submission shall be sent to the external examiner by the office of the Controller of Examinations (CE) for evaluation.

(iv) In addition to the PhD committee members, the PhD dissertation must be evaluated by at least two external experts who shall be:

a. i. Professor / Associate Professor or equivalent member from the world top 500 universities ranked by the Times Higher Education or QS World Ranking in the year corresponding OR organizations of international repute like CIMMYT, IRRI, CSIRO, USDA etc, to dissertation evaluation year OR

ii. Pakistan-based Distinguished National Professors, Meritorious Professors from any national university; OR professors from top universities ranked by HEC; OR

iii. Professors/Associate Professors or equivalent from any Pakistani Universities or organizations having a minimum H-Index 30 for Sciences, 15 for Social Sciences or 8 for Art & Humanities as determined by Web of Science. OR

b. At least one external expert qualifying any one of the conditions mentioned at 'a' above if the PhD candidate publishes dissertation research in a peer-reviewed journal that is classified by the HEC in category W for Sciences and X or above for Social Sciences. (Syndicate 10-11-2025)

(v) A plagiarism test in accordance with the HEC's Plagiarism Policy must be conducted on the dissertation before its submission to the external experts. (Syndicate 23-08-2021)

(vi) Two examiners out of a panel of twelve experts from the list of the approved countries (attached as appendix), recommended by the respective Board of Studies shall be appointed by the Vice Chancellor for the evaluation of thesis. The panel of experts should represent at least 4 countries.

Explanation: In case, if PhD candidate publish his/her research in a peer-reviewed journal that is classified by the HEC in category W for Sciences and X or above for Social Sciences at the time of thesis submission for external evaluation. One Examiner out of the panel of six experts from the list of approved countries recommended by the respective Board of Studies shall be appointed by the Vice Chancellor for the evaluation of the thesis. The panel of experts should represent at least 4 countries.

Note: PhD scholar who have published a paper in "W" (for sciences)/ "X" catagory and got one foreign evaluation maybe delt considering the above explanation.

(vii) The Controller of Examinations shall get the thesis evaluated within four months after the date of submission/ resubmission of thesis to his office. Any delay beyond three months must be brought to the notice of the Vice Chancellor.

43. The thesis must be an original and scholarly contribution to the knowledge of the candidate's chosen field of study.

44. Each External Examiner shall explicitly state in his/her report:

(i) Whether or not the thesis is of sufficient merit to justify the award of PhD Degree to the candidates.

(ii) Whether the candidate should be allowed to revise and resubmit his thesis. In the later case the board lines on which the thesis should be revise must be clearly stated. (AC 05-06-2018)

45. If both the examiners approve the thesis, the candidate shall be allowed to defend his thesis at University level. This presentation shall be evaluated in the presence of Examination Committee comprising of Supervisory Committee and two External Examiners to be appointed by the Vice Chancellor out of a panel of six experts in the relevant field from within the country other than University suggested by the Board of Studies. If the Examination Committee approves the thesis, the final submission would be allowed. A certificate to this effect be issued by the Examination Committee.

Explanation: The declarations to be submitted by a PhD scholar at the time of submission of thesis are as under:

(i) Authors declaration
(ii) Plagiarism undertaking by the PhD scholar
(iii) Certificate of approval of PhD thesis by Examination Committee

(The specimen of undertaking to be submitted by the scholar (GS-14, 15 and 16) (AC 06-05-2017)

Note:

(i) The thesis defence will be conducted within four months from the date of dispatch of second report of thesis evaluation from the office of the Controller of Examinations. Under unavoidable circumstances the thesis defence may be conducted through video conference arrangement if a supervisor/ member/external examiner/student is abroad/within the country. However, the Vice Chancellor may allow extension for thesis defence up to six months within permissible residential period, in hardship cases.

(ii). if a student fails to defend his/her thesis within the prescribed period, his/her admission shall stand cancelled, however, he/she may seek readmission (for thesis submission) but only once within the period of residential requirements with the payment of gap semester fee. Moreover, he/she has to defend his/her thesis within 04 months.

46. If both the examiners reject thesis, the candidate shall be declared as failed. However, the Graduate Studies and Research Board may allow a student to re-conduct his/her research and re-submit his/her thesis on a new topic as recommended by his Supervisory Committee. This facility would be available only once within the period of residential requirements i.e.16 semesters.

(i) If both the examiners approved the thesis, the candidate shall be recommended for the award of degree.

(ii) An open defense of the dissertation is required after positive

evaluation of the dissertation by the committee members. (Syndicate 23-08-2021)

(iii) When both the examiners suggest either no revision/minor revision the student should submit three bound copy of the thesis within one year, otherwise he/she shall be no more a student are the University.

Explanation: However, the Vice Chancellor may allow extension for thesis evaluation up to six months in hardship cases.

Note: If a student fails to submit his/her hard bound copies within the prescribed period, his/her admission shall stand canceled, however, he/she may seek readmission but only once within the period of residential requirements to submit hardbound copies within one month from the date of notification.

47. If one of the examiners approves the thesis and the other rejects it, it shall be sent to a third examiner, for evaluation. If the third examiner approves the thesis, the candidate shall be recommended for the award of the degree, otherwise he/she shall be declared as failed.

48. If one of the examiners approves the thesis and the other is of the view that it is not acceptable in the form in which it has been presented but requires revision, the following procedure shall be followed:

(i) The Supervisory Committee of the candidate may either:

(a) Write to the examiner(s) concerned explaining why it is not possible to revise the thesis and taking that it should be examined in its original form, or

(b) If the views of the examiner were acceptable to the Committee, require the candidate to revise and resubmit the thesis within a period not exceeding two semesters, for re-evaluation.

(ii) If the examiner approves the original thesis or the revised thesis, as the case may be, the candidate shall be recommended for the award of the degree.

(iii) In case of disagreement between the Supervisory Committee and the examiner, the matter shall be referred to the Graduate Studies and Research Board which may suggest such action as it may consider expedient.

49. If both the examiners express the opinion that the thesis as presented, is not acceptable, but required revision the following procedure shall be adopted:

(i) In case the lines, on which the examiners have suggested revision of the thesis, are substantially the same and are acceptable to the Supervisory Committee, they shall call upon the candidate to revise the thesis on these lines and re-submit it within a period not exceeding two semesters, for reevaluation. The revised thesis shall then be sent to the examiners and the procedure laid down in regulation(s) shall be followed (46-48).

(ii) In case the lines on which the examiners have suggested revision are not acceptable to the Supervisory Committee, the mater shall be referred to the Graduate Studies and Research Board which may suggest such action as it may consider expedient.

(iii) In case a candidate, who is required to revise and resubmit his/her thesis, does not do so within the period allowed, he/she shall be declared to have failed.

50. Each PhD researcher shall be required to publish at least one research paper as its first author during his/her doctoral studies in an impact Factor journals (W or X) category for Sciences, whereas Y category for Social Sciences journals for the award of Ph.D. degree. The financial incentive to teachers will be redeemable after the publication of the papers. The name of active members of the supervisory committee will only be added in the publication. The name of approved co-supervisor/helping scientist from abroad may be included in the research papers.

Note:

(i) Category of the journals will be accepted according to the HEC.

(ii) The expenditure to be incurred on research articles submitted to (W) category journals will be borne by the University.

(iii) Two copies of English and Urdu articles (soft and hard) to be published in the National Press by PRP Office and Office of the Zarai Digest.

(iv) Final approved two copies of hardbound PhD. Thesis along with two Cds. one each for HEC and University Library.

51. Before foreign evaluation, the thesis will be checked for plagiarism by QEC and report shall be submitted to the Controller of Examinations. The similarity index /plagiarism should be within prescribed limit (upto 19%). (AC 06-05-2017)

52. If the thesis of a candidate is proved to be plagiarized after its evaluation and declaration of result, previous result of the candidate will be canceled and he/she will be declared to have failed in thesis examination. Such a candidate shall not be readmitted to PhD under any circumstances. (AC 05-06-2018)

(F) GENERAL REGULATIONS

53. A faculty member can supervise a maximum 5 of PhD scholars and 7 MS/MPhil/MSc (Hons) students.

Explanation: PhD scholar will be counted under the supervision after qualifying the Comprehensive Examination.

Note: Chairman/Director/Principal will sign the GS/10 form/Course Work Program till the approval of the synopsis to be included under the supervision and those who submitted their semi-final thesis will be excluded from their supervision.

54. There should be at least three relevant full time Ph.D. Faculty members to Launch the PhD program.

55. A candidate who has fulfilled all the requirements prescribed for the course shall be awarded the Degree of Doctor of Philosophy.

56. While defending synopsis/thesis by a PhD student in the absence of co-supervisor/member, the Chairman of the Department/ Director of the Institute in which student is enrolled will sign on the behalf of supervisor or member.

Note: (i) In case the Chairman of Supervisory Committee is also a Chairman of Teaching Department or Director of Institute and is on leave (within country) he must attend the Ph.D. synopsis/thesis defense and a date in this regard shall be fixed with his consultation.

(ii) Minor change(s) in the title, materials and methods of the approved synopsis/thesis should be discussed in the respective Board of Studies, if agreed a letter from the supervisory committee of the student will serve the purpose. However, the change(s) in the synopsis/thesis etc. will be notified by the office of the Director Graduate Studies. (Syndicate 30-06-2022)

(iii) In case of major change(s), the student will have to defend it again at University level, evaluated by the Supervisory Committee.

57 The PhD degree shall be awarded by universities after a minimum of three (3) years and not more than eight (8) years after the enrolment of the student; provided that for students who are unable to complete the program within eight (8) years, the university may designate a competent authority to determine whether the delay was caused by circumstances beyond the student's control, and if so, grant an extension in such exceptional circumstances; provided further that in no event shall the PhD degree be awarded more than ten (10) years after the enrolment of the student in the program. The date of notification of the award of the PhD degree subsequent to the PhD defense shall be considered to be the date of the completion of PhD studies.

Note: The following committee constituted by the Syndicate at its meeting held on 30-06-2022,

Respective Dean	(Convener)
Director ORIC	(Member)
Director Graduate Studies	(Member)
Controller of Examination	(Member)

The committee will serve as authority to determine whether the delay was caused by circumstances beyond the student's control and if so the Vice Chancellor will approve to grant and extension in such exceptional circumstances, provided further in no event the PhD degree shall be awarded more than ten (10) years after the enrolment of the student in the PhD degree program.

58. The students who will enrol 9th and 10th semesters will have to pay additional fee of 50% and 100%, respectively over and above the regular fee. (Syndicate 30-06-2022)

59. The students who enroll 9th/10th semester/submit final thesis will not

be allowed hostel accommodation.

60. Teaching assistantship for at least one semester shall be mandatory requirement for Ph.D. students to earn Ph.D. degree, which is extendable from another semester (1-2 semester or untill PhD completion). The teacher concerned from the respective department/institute shall submit the completion report through the Director Academics to the Vice Chancellor. Afterwards, the student will defend his/ her thesis. However, Faculty members (Regular / Contract / Adhoc) who got admission in PhD degree program as a full-time/part-time shall be exempted from Teaching Assistantship.

61. For minor and major changes in the GS-10 form the student will pay Rs.625/- and Rs. 1250/- respectively as GS-10 correction/revision fee, on the recommendation of the Director Graduate Studies. However, it will be notified by the office of the Director Graduate Studies. (Syndicate 06-10-2018).

62. A no objection certificate ("NOC") from the HEC must be obtained by universities prior to the launch of any PhD program. (Syndicate 23-08-2021)

63. The following documents shall be submitted to the HEC following the completion of studies:
a) A duly filled completion form shall be sent to the HEC from the Office of the Controller of Examinations of the university notifying the HEC that the PhD scholar has completed all the requirements for the award of the PhD degree.
b) A copy of PhD Dissertation for including in PhD Country Directory and for attestation of the PhD degree by the HEC.
c) A duly filled Proforma for the PhD Country Directory, signed by the Principal Supervisor, Controller of Examination and the Vice Chancellor (or Rector).

64. Office of the Director, Graduate Studies will maintain a student record for 3 years after the declaration of final result. After that period, the record may be disposed off with the permission of Vice Chancellor.

65. Engaging PhD students in Outreach as Part of their Degree requirement (Syndicate 28-05-2023)

i. Each PhD scholar have to enrol AIL-719 entitled "Academia Farmer/ Industry Linkage program."
ii. AIL-719 will be non-credit course should be enrol on GS/10 after qualifying the Comprehensive Examination
iii. Duration of this course will be only one semester.
iv. The PhD Scholar will be deputed to the relevant and targeted Farmers/Industry/ stakeholder/public sector departments.
v. Monitoring and evaluation of the course i.e. AIL-719 enrolled by the PhD scholar will be the responsibility of the Chairman/Director of the department/institute.
vi. With the termination of the semester the student will submit a comprehensive report to the supervisor with documentary evidence.
vii. The Departmental Seminar Committee will submit the completion report with the comments of the Farmer/industry/stakeholder to the Controller of Examinations, under the intimation to the Director Graduate Studies, and Director outreach.
viii. The Controller of Examinations will consider qualified "AIL-719" based on the report and will issue a certificate by the departmental seminar committee.
ix. If a candidate fails to qualify, he/she must enrol the same during the next semester if residential period is available.
x. Based on this targeted oriented research the Institution of Education and Extension and Rural Development will prepare an outreach program for extension services.
xi. The AIL-719 cannot be enrolled with TA-740 "Teaching Assistantship" in the same semester.
xii. Further all PhD Scholars must enrol TA-740 in their GS/10 with Research and Thesis, after qualifying the AIL-719.
xiii. The result for TA-740 may also considered qualified based on the certificate issued by the Director Academics (as per previous practices), based on the respective Chairman/Director/Principal report.
xiv. Both courses i.e AIL-719 and TA-740 along with IRSIP (if availed) may also be shown in the transcripts of the PhD Scholar.
xv. The PhD scholar who enrolled and qualified the TA-740 will not clam

the experience certificate as it is the requirement of PhD degree program under the regulation which is as under: "Teaching assistantship for at least one semester shall be mandatory requirement for Ph.D. students to earn Ph.D. degree, which is extendable from another semester. Teacher concerned from the respective department/institute shall submit the completion report through the Director Academics to the Vice Chancellor. Afterwards, the student will defend his/ her thesis. However, faculty members of UAF who got admission in PhD shall be exempted from teaching assistantship."

xvi. Moreover, the MS/MPhil/MSc(Hons) and PhD scholar who were awarded for the IRSIP/Training may also be enrolled on the GS/10 (Ex-post facto) form and shown on the final transcripts on the basis of the completion report received from the host scientist/University.

xvii. IRSIP/Training awardee must apply for NOC to the DGS office before proceeding to abroad, and re-joining after the completion as required under the relevant regulation No 6 for MS/MPhil/MSc (Hons) and PhD degree programs. (for NOC award letter from HEC, Invitation letter from host institute, valid Passport and ticket)

xviii. The IRSIP (HEC/Non-HEC) training program will not be the part of their PhD degree requirements.

xix. All PhD Scholars may avail the IRSIP (HEC/Non-HEC) training program before the onset/commencement of the 10th semester before the submission of their semi-final thesis.

xx. The PhD scholar can not avail the IRSIP/Trainings (HEC/Non-HEC) after the submission of semi-final thesis.

xxi. The following formate/chart of courses for PhD scholar are degre requirement before submission of semi final thesis:

Course Code	Title	Credit Hours	Duration
AIL-719	Academia Industry/Farmer Linkage Program (After qualifying Comprehensive Examination)	None	One semester
TA-740	Teaching Assistantship (After qualifying AIL-719)	None	One Semester
IRSIP	(If awarded by the HEC) International Research Support Initiative Program	None	Six Month

66. If a PhD scholar will not appear and qualify comprehensive examination, within first two years as a regular student will render the admission cancelled and seek fresh admission. (Syndicate 25-05-2023)

i. Such students may seek fresh admission but only once in the same degree program within two semesters after the cancellation of admission under the existing Statutes, Regulations and the admission policy.

ii. After the admission, the students who could not appear in Comprehensive (Written/Oral) Examination within two academic years, they may:-

a. apply for revalidation of courses already qualified to the Equivalence Committee.

b. the Equivalence Committee may suggest revalidation of their courses having A/B grades qualified in the respective semesters in accordance with the relevant Regulation for enrollment of Credit Hours.

c. approval of revalidation of courses will be sought from the GSRB and notified under intimation to office of the Controller qf Examinations.

d. such candidates shall have to enroll the Special problem and Seminar II after seeking fresh admission in the same degree program.

e. after fulfilling these requirements they may appear in the comprehensive examination (written/oral) after one academic year.

iii. The Controller of Examinations shall mention the date for the Comprehensive Examination (written) on PCD performa.

iv. The comprehensive examination shall be a:ranged two months after the termination of semester/session.

POSTDOCTORAL FELLOWSHIP PROGRAM

RULES AND REGULATIONS

University of Agriculture Faisalabad, one of the premier Universities of Pakistan, was established in 1961. During the prestigious history of the University, it has served the nation primarily in Agricultural and Basic Sciences. In continuation with the Institution's objectives in creating the scientifically sound manpower, the University authorities have decided to initiate a Postdoctoral Research Fellowship in all disciplines where PhD program is in execution. This training will prove a cadre of researchers willing and able to conduct a cutting edge research that will provide solutions to vital problems and challenges being encountered worldwide.

Administrative and Financial Responsibilities

The academic and administrative aspects of the Postdoctoral Fellowship Program are the responsibility of the University of Agriculture, Faisalabad. The financial responsibility may rest upon the candidate himself/herself.

Areas of Specialization

Post-Doctoral Fellowships may be offered every year in all disciplines in which PhD programs are offered at the University of Agriculture, Faisalabad.

Requirements for Admission to the Program

1) The candidate should possess degree of Doctor of Philosophy from an accredited institution of higher learning (Pakistan or international)
2) Post Doc Fellowship is subject to availability of funding (i.e., Research fund of the Host Scientist, a scholarship from an external organization, or from UAF/HEC)
3) The candidate has the ability or capacity to conduct scientifically valid research.
4) The candidate must have a sound research proposal to pursue postdoctoral fellowship.
5) The candidate must find a scientist who agrees to accept him/her into his/her group as a Postdoctoral Fellow. The lists of approved scientists and their research areas and the current research activities can be found on the University website (www.uaf.edu.pk).
6) As fellowship is open round the year, studies may be started at any time, subject to fulfillment of the minimum requirements outlined above or as announced by the UAF.
7) A certificate of good health, signed by a physician, will have to be submitted by the candidate along with application form (and health insurance for international candidates).
8) Age limit of scholar for this initiative is 55 years.

Submitting an Application for the Program

The candidate will complete an application form (at least 3 months before he/she intends to start the fellowship) along with a research proposal (duly accepted by the host scientist) to Directorate of Graduate Studies, University of Agriculture, Faisalabad-Pakistan. After receipt of the applications on the prescribed format, an Evaluation Committee comprising of the following will evaluate/interview (Physically or virtual) and will recommend/short list the candidates (with one alternate) in the order of merit. Final approval will be granted by the Vice Chancellor:

1) Director, ORIC
2) Director, Graduate Studies
3) Dean, Faculty of Agriculture
4) Dean, Faculty of Veterinary Science
5) Chairperson/Chairman Director of concerned Department/Institute

Duration of the Fellowship

1) As a rule, the length of the fellowship (for all Fellows: Pakistani citizens or foreigners) will vary from 9 months to one year depending upon the nature of the project. Under special circumstances and with special authorization, the program may be extended to a maximum of second (final) year. In case of engagement in some research projects, the duration may be extended till the completion of the project provided the funds are available.
2) The length of the fellowship and its extension for foreign citizens will be subject to approval by their funding agencies as well as the parent department in case of employee.

Full-time Research

The program requires the fellows to devote full time to research at the Host lab(s). Employment in another workplace will be strictly be not allowed during the entire period of fellowship.

Code of Ethics

The candidate will have to follow all norms of decency and rules of ethics pre-established or as announced from time to time by the University. Any breach of these rules may result in the termination of the fellowship (Visit www.uaf.edu.pk for detail)

Fellowship Stipend

The amount of Fellowship to be paid to the fellows will depend upon the regulations of their sponsoring agencies or UAF in case of University sponsored fellowship which will be paid as stipend @ Rs.40,000/per month to a limited number of scholars. Only those departments / Institutes and faculty members shall be eligible for getting Post-Doc scholars who have sufficient funds from research projects.

Fellowship Amount

The amount of Fellowship to be paid to the fellows is subject to the regulations of their sponsoring agencies or UAF in case of University sponsored fellowship.

Bench fee

1) UAF will charge bench fee from the scholar or his/her parent institution on the recommendation of host scientist (US$ 200 to 500). Fellows will not be generally allowed to discontinue the fellowship. However, in special cases, they might be allowed to discontinue the fellowship upon the fulfilment of prescribed conditions:
2) If the fellowship is sponsored by UAF, the fellow will not be paid any stipend during the period of discontinuation. However, fellows from other funding agencies will follow the rules of the respective funding agencies.
3) Discontinuation or re-continuation of the fellowship may be allowed by the Vice Chancellor on the recommendation of the Host Scientists, Chairman, Dean and Director Graduate Studies. Fellows other than UAF will also seek permission from their funding source.
4) Discontinuation will not be more than six months. If a fellow does not re-continue within six months, the fellowship will automatically get terminated.
5) If the fellowship is sponsored by UAF, the fellow will not be paid any stipend during the period discontinued. However, fellows from other funding agencies will follow the rules of the funding agencies.
6) The continuation of the fellowship is also subject to the satisfactory quarterly report by the host scientist.

Termination of Fellowship

The continuation of the fellowship is also subject to the satisfactory quarterly report by the host scientist. Fellowship will be terminated if;

- Any breach of the code of ethics defined by the University.
- Discontinue with special permission for a period of more than six months.
- Discontinue for a period of two months without permission.
- Unsatisfactory report by the Host Scientist/Supervisor.
- Fellows themselves can get their fellowship terminated.

Annual Vacation Leave

Postdoctoral Fellows are entitled to 24 vacation days annually. Compensation will bot be given for unused vacation days. However, in case of physical unfitness, this leave can be extended depending on the nature of ailment but the total period will not exceed two months.

Housing

22. Accommodation in student hostel on campus will be provided subject to availability (on monthly payment basis).
23. Housing requests should be submitted as early as possible.
24. The fellows may contact Hall Warden, UAF for accommodation. Participation in Scientific Conferences
25. Postdoctoral Fellows are entitled to participate in scientific conferences in Pakistan and abroad and/or visit laboratories for research needs for a total cumulative period of one month per year. They have to arrange by themselves for travel expenses and membership dues.
26. Participation is dependent upon authorization by the Host Scientist, the Department Head and the Vice Chancellor, UAF. Medical Insurance for Foreigners
27. Foreign postdoctoral Fellows are required, upon their arrival in Pakistan, to purchase a basic health insurance for themselves and for their family members.
28. The insurance is to cover the period they intend to stay at the University

(for at least a year)

29. The insurance must include several minimal components. If the insurance was purchased abroad, it must be presented to the UAF upon arrival in order to confirm that the minimal mandatory components stipulated by the University regulations are included in the policy.

Visa

Foreign postdoctoral fellows will get a valid student visa from the Pakistani Embassy/consulate in the country of origin of the fellows.

Initial Expenses (for foreigners) Foreign postdoctoral Fellows should ascertain that they have sufficient funds available to cover initial expenses (including payment for health insurance).

Completion Report

After successful completion of Post Doctorate, the fellows will have to submit a Research Report to his/her respective scientist. After necessary evaluation, on the recommendation of the concerned scientist, university will issue a certificate. ORIC will be responsible for monitoring / evaluation of "Post-Doc Fellowships."

CHECKLIST FOR POSTDOCTORAL REGISTRATION

(a) Documents required to complete initial registration with University

1. Original Postdoctoral Registration Form (signed by postdoc fellow and Host Scientist).
2. Research Proposal
3. Academic Appointment Letter (prepared by the Department/ Research Unit).
4. Copy of the Department/Academic Unit letter of offer/invitation stipulating the period of postdoctoral appointment and level of stipend.
5. Copy of the Letter of Agreement for Postdoctoral Fellowship signed by all parties (postdoc fellow, Host Scientist, unit head (Dean/ Director) and funding agency)
6. Curriculum Vitae (detailed and dated).
7. Copy of Work Permit/Visa (for international postdocs only).
8. Original PhD Degree or original certified/notarized copy (Original/ copy of degree must be in English or translated into English. Original certificates will be copied and certified, free of charge by the Director Graduate Studies).
9. Copy of Medical Certificate by a physician.
10. Copy of Medical Insurance (For foreign fellows only).
11. NOC/Leave from the Parent Department in case of government employee (For Pakistani Fellows only)

(b) What to do upon arrival

Report to the concerned Department and Director Graduate Studies and meet with the Host Scientists.

1. Immediately apply for a residence (if not applied before)

DIRECTORATE OF GRADUATE STUDIES
UNIVERSITY OF AGRICULTURE, FAISALABAD
LETTER OF AGREEMENT FOR POSTDOCTORAL FELLOWSHIP

This following agreement establishes the rights and responsibilities of postdoctoral fellow upon registration.

1. I understand that this is a specific full-time status established by the UAF and during my appointment as a postdoctoral fellow. I will not serve any other institution/organization.
2. I acknowledge that I am bound by and undertake to observe the statutes, rules, regulations and policies at the UAF and at the faculty or faculties in which I am registered. I understand that my obligations as a Fellow commence with my registration and terminate in accordance with the University's statues, regulations and policies.
3. I certify that the information submitted on my application form was complete and correct at the time of submission, including my declaration of citizenship and immigration status. Further, I understand that misrepresentation of any information or failure to provide necessary documents may result in rescinding my registration.
4. I authorize the University to release certain information gathered by the University to the following bodies upon their request and in the exercise of their mission:
   i. The Student Association recognized by UAF
   ii. the appropriate authorities involved with the external or internal funding
   iii. for the category of Fellows to which the student belongs
   iv. the Different Pakistani Ministries (e.g. interior, exterior, education and agriculture and livestock)
   v. The UAF Alumni Association
   vi. UAF Network and Communication Services for the purpose of listing the E-mail
   vii. Professional bodies or corporations
   viii. Officers and members of the University staff (e.g. Faculty officers etc.) may also have access to relevant parts of such records for recognized and legitimate use.
5. Furthermore, If I am working with animal models, radioactive materials, biohazard use or infections material, or human subjects, I ensure that all appropriate safety protocols and ethics certification procedures will be followed.
6. My rights and responsibilities as Post-Doc are established under the Postdoctoral Rules and Regulations of UAF.

Postdoc's Signature _____ Date: _____

Host Scientist's Signature _____ Date: _____

Department Head's Signature _____ Date: _____

DIRECTORATE OF GRADUATE STUDIES
UNIVERSITY OF AGRICULTURE, FAISALABAD
ACADEMIC APPOINTMENT LETTER
(To be prepared by the Department/Research Unit)

The _____ academic unit recommends _____ [Postdoc] as a Postdoctoral

Scholar who intends to work with _____Host Scientist for appointment as a Postdoctoral

Fellow in this Department. This is a specific full-time status established by the UAF. Postdocs are not considered employees of the University regardless

where they work how they are paid. Their rights and responsibilities as Postdocs are established under the Postdoctoral Rules and Regulations of UAF.

This includes University policies regarding leave, absence, vacation time and holidays.

Stipend (To be paid by the funding agency):

Appointment Date Ends:

Appointment Date Begins:

Dated:

Host Scientist's Signature

Dated:

Department Head's Signature: Vice Chancellor's Signature:

Dated:

POSTDOCTORAL REGISTRATION FORM

Post-Doc ID No. (For Office Use Only)

Name:	Father's Name	Nationality	
PhD Degree: (indicate Institution and con¬tact address)		Currently Resident (Country)	Photo
Date of Birth: (D/M/Y)	Sex:	UAF Employee No. (For UAF employees only)	
Marital Status	Medical Insurance: (Indicate source)	Regd. Number (For Alumni Only)	
Home Address		Official Address Tel: Email:	Fax:
Mother Language	Languages Known Other Than English	Principal Language Used	Currently employee of :
Passport NO.	Issue date	Renewal Date	
NIC NO.	Issue date	Renewal Date	
Visa Type (For Foreigners only)	Issue date	Renewal Date	
Source of Funding: 1. Research Grant 2. Postdoctoral Fellowship 3. Other (Specify)	Funding Agency:	Stipend / yr	Contacts of Funding Agency: Mailing Address: Tel. Fax. E-mail
Host Scientist's Name:	Department	Contact Information: Tel: Fax: Email:	Approximate Period of Study-
Signature Fellow	Host Scientist	Department Head	Vice Chancellor

GENERAL REGULATIONS AND INSTRUCTIONS

Approved by the Graduate Studies and Research Board for all postgraduate degrees

1. All postgraduate students after semester/ session enrollment must get their respective yellow copy of the GS/10 form immediately from the office of Director Graduate Studies. Thereafter, the said copy is to be shown to the concerned teacher(s) offering the course(s) in order to include their name in the attendance register being maintained by the teacher.
2. In a program of study where thesis is a partial requirement for completing the degree, the students must submit their semifinal thesis to the Directorate of Graduate Studies duly forwarded by the Chairman of the department/Director of the Inst. and Dean of the faculty concerned on or after the 60th day of the officially announced date for the commencement of classes in their last semester. They may submit the final thesis on or before the 30th day after the termination of the semester provided that they are going to complete the minimum residential requirements for the degree in that semester. The Director Graduate Studies office will entertain semifinal thesis/final thesis within two weeks after the termination of semester. (Syndicate 06-10-2018)
3. No course shall be conducted unless there are at least four students enrolled for that course. In special cases, however, if the number of students is less than four, permission of the Vice Chancellor shall have to be obtained for conducting that course within one month of the commencement of that semester and no request will be entertained after expiry of the date. The above condition, however, does not apply to the summer session.
4. An approved course, not offered for 4 semesters consecutively, shall stand deleted from the list of approved courses of the department concerned.
5. The duly filled in modified GS/10 form of 16 years of schooling degree programs should be placed on website of the respective Department/ Institute/ Sub-Campus. The students should download, print and sign the same and complete the enrollment formalities by depositing University dues. The form complete (four copies) in all respects should be submitted in office of the respective Chairman/Director/Principal on due date. The concerned office shall handover the GS-10 forms to office of Director Graduate Studies. (AC 06-05-2017)
6. If a teacher is not available for guidance for most of the time he/she should be changed by the Dean of the Faculty on a request from the student supported by the Chairman of the Department concerned.
7. The course work program of a regular PhD student should be so arranged that it is completed within two semesters, preferably.
8. Thesis should be submitted to the office of the Director Graduate Studies duly forwarded by the Chairman of the Department and dean of the Faculty concerned on or before the scheduled date.
9. Director Graduate Studies may extend the date of final submission of the theses by two weeks of those students who get their semi-final theses Approved/scrutinized by the Directorate of Graduate Studies. However, Vice Chancellor may extend the date further of final theses for another period of two weeks maximum on the request of postgraduate students duly recommended by the Chairman/Dean/ Director and Director Graduate Studies. (Syndicate 06-10-2018)
10. (i) No student will be allowed to change the campus if his/her merit was below that in the subject/campus at the time of admission. Migration will be allowed only once in the entire study period of the student. The students, admitted on quota basis, will not be allowed to change the campus.

    (ii) Transfer of students from Main Campus to UAF to Sub-Campus

    a. There will be no migration from one campus to another sub-campus. However, university may consider the request of a student to transfer his/her admission from one campus to another campus during his/her first academic year subject to following merit at that campus.

    b. The fee once deposited by a student at a campus shall not be refunded. However, after transfer of admission the student shall deposit dues of the subsequent semester(s) as approved for that campus.

c. The student will have to get NOC from the existing campus and from the campus where he/she desires to transfer his/her admission.

11. The Registration of the graduate students from the other Universities admitted in this University be completed within first semester, they will have to pay late fee Rs. 5,000/- within second semester with the condition that he/she did not enroll in any other institute during the same session, otherwise, their admission would be cancelled.

Note: Office of the Controller of Examinations will provide the list of those postgraduate students who did not submit their E-2 Form, graduated from other universities to the office of the Graduate Studies for the cancellation of the admission

12. The applicant seeking admission to any postgraduate degree can apply program through online portal. Candidate can apply on all categories within one discipline/degree program (Morning/Evening/Weekend) after deposing the processing fee Rs.1000/-. However, if a candidate when to apply in another discipline/degree program (Morning/ Evening/Weekend), candidate should deposit additional processing fee Rs.1000/- for each additional discipline/degree program. The Graduate Studies Calendar of the University would be placed on the website of the University to facilitate the applicants for downloading. Only the applicants finally selected for admission should have to submit the educational documents.

13. Course mentioned in statute 4(iv) shall not be counted towards minor field as required under statute 4(ii).

14. When two or more brothers/sisters are studying, younger can be granted half tuition fee concession by the Dean concerned.

15. "Audit Course" means a course attended without any liability of taking its examination.

16. "Credit Course" means course of study to be completed as requirement for a degree.

17. "Credit hours" means the successful completion of a course of one semester hour in theory or two semesters' hours i n practical's per week.

18. "Deficiency Course" means a course i n which a student has been adjudged deficient by a competent body of the university.

19. "Non-Credit Course" means a course of study, successful completion of which would not be a requirement for the degree.

20. Research Officers may be appointed as supervisor/member on the supervisory committee of postgraduate students. (GSRB 13-11-2015)

Colour of Thesis Binding

MSc (Hons)/M Phil/MS	Blue
PhD	Maroon

21. (i) Abstract should be included in PhD thesis, acknowledgment should not be more than one page

(ii) Review of literature will be in running condition with conclusion.

22. Applications will be invited through National press for admission to postgraduate courses in the beginning of the academic session i.e. August/Semester. The application forms and prospectus of the University would be placed on the website of the University to facilities the applicants for downloading. University may charge the fee for processing of application and entry if any, through pay order/bank draft. The applicants would be asked to provide resume without attaching any document at the first stage. Only the applicants finally selected for admission should have to submit the educational documents (Syndicate 30.09.06).

23. For postgraduate studetns EOTO (Each One Teach One) activity will be monitored by the respective academic supervisor. Upon successful completion, the supervisor will submitt the completion report to the Director Academics for issuance of certificate and to the Controller of the Examination for inclusion in the thesis result notification. (Syndicate 10-11-2025).

24. University employee son/daughter fee concession

(Syndicate 30-03-2019)

Sr. No.	Category of Employee	Ratio of fee concession
i	BPS-1 to BPS-5	Free
ii	BPS-6 to BPS-16	50 % of total dues/fee
iii	BPS-17 and above	25 % of the total dues/ fee
iv	Tenure Track Faculty	25 % of the total dues/ fee

25. The gap period in case of punished students will not be counted towards residential requirement of the degree of concerned student. He/She will deposit dues of rest of regular semesters prescribed for the degree after serving out penalty period. (Syndicate 06-10-2018)
26. To entertain five copies of each course work program/synopsis. Out of five, two copies would be with the original signatures. One original signed copy would be for the Director Graduate Studies and the other for Controller of Examinations office. Rest of the three copies would be the photocopies of the original one.
    (Syndicate 06-10-2018)
27. One minor penalty will not affect future career of a student. If the concerned student 2nd time or thereafter is awarded minor penalty he/she will be debarred for scholarship, job and other facilities of the University. (Syndicate 06-10-2018).

28. DISTRIBUTION OF PHD STUDENTS AMONG STAFF MEMBERS

i. While distributing the PhD scholars among faculty members, HEC approved supervisor, even if he/she may be an Assistant Professor will be given first priority.
ii. Two Years Post-doctorate teaching experience will be required for an Assistant Professor to become supervisor of a PhD student. This will not be applicable to HEC approved supervisors.
iii. The PhD scholars will be distributed on the basis of merit in the following orders:
    i) First scholar(s) to Professor(s)
    ii) Second scholar(s) to Associate Professor(s)
    iii) Third scholar(s) to Assistant Professor(s)
    iv) At least one paper must be published in the HEC approved Journal by the teacher per year to whom the student is allotted.
    v) After submission of PhD thesis, the student(s) shall be excluded from the list of teacher.
    vi) The HEC awardee scholars shall be distributed equally among HEC approved supervisors. The PhD HEC awardee Scholars will be distributed to the next teacher overtime in case he/she does not get a student in the previous years(s). The distribution of the previously allotted student(s) should be equally reshuffled keeping in view that if the student(s) is just at the initial stage of PhD course of studies.
29. The process of collection of GS-10 Forms and data entry will be done in the office of the respective Chairman/Director/Director General/Principal Sub Campuses. The data entry of GS-10 Form will be entered in the database through online portal by the respective departments/Institutes/Sub Campuses, officials and process within 30 days of the last date of enrolment as per regulation.
30. The Graduate Studies and Research Board authorized the Vice Chancellor to grant readmission to the postgraduate students on the behalf of the Board. (GSRB 13-11-2015).
31. The Graduate Studies and Research Board at its meeting held on 10/07/2004 authorized the Vice Chancellor to approve the revised supervisory committees on behalf of the GSRB.
32. The Graduate Studies and Research Board at its meeting held on 10/07/2004 authorized the Vice Chancellor to approve the synopses of theses on behalf of the GSRB.
33. The Graduate Studies and Research Board, authorized the Vice Chancellor to entertained the GS/10 of postgraduate students (Ex-post facto), with the payment of Rs.2500/- as readmission fee and plus late fee Rs.12500/-, along with permission to entertain result of the courses enrolled/studied by them in the said semester. This is for only those students who submitted their semester dues but failed to complete the enrolment formalities by submitting their GS/10. (GSRB-17-01-2018)
34. For postgraduate students the authority for sanction of leave is vested in the Chairman on the reccomendation of the Supervisor concerned for a period not exceeding seven days and for the period exceeding seven days the authority rests with the Dean/Director General/Director/Principal on the reccommendation of the Chairman concerned. However, sanction of leave is at the discretion of the competant authority. Moreover, the leave period will not condone the lecture shortage that will accrue from the said leave period.
35. Office of the Director, Graduate Studies will maintain a student record for 3 years after the declaration of final result. After that period, the record may

be disposed off with the permission of Vice Chancellor.

36. The students availing free education facility will pay Rs. 100/- as a semester registration fee.

Thesis Format (Syndicate 12-01-2026)

- Transition from the conventional thesis format to a research paper-based format.
- Eliminate the Review of Literature chapter from theses at all postgraduate levels, including MS, M.Phil, M.Sc (Hons), MBA and PhD.
- Adopt a standardized reference style approved by the Graduate Studies and Research Board (GSRB), using reference management tools such as EndNote or Mendeley (Harward reference style).
- Include published research papers as appendices in the thesis to enhance academic rigor and visibility.
- There will be no restriction on the number of pages in the thesis.
- The thesis for MS, M.Phil, M.Sc (Hons), MBA should be of minimum 7500 words
- The thesis for PhD should be of minimum 15000 words.
- All thesis pages must be printed on both sides to ensure efficient use of paper.
- For 18-year postgraduate degree programs (e.g., MS/MPhil/MSc Hons/ MBA): Minimum of 2 research paper-based chapters
- For PhD programs: Minimum of 4 paper-based chapters
- Section of thesis chapters should be devided into two sections i.e "Results" and "Discussion".

TORS AND EVALUATION PROFORMA FOR TEACHING ASSISTANTS (Syndicate 23-08-2021)

The Syndicate at its meeting held on 06-10-2018 approved Regulation No. 58 for Ph.D students as follows:-

1. A teaching Assistant (TA) is an individual who assists a teacher as per his/her instructions. TAs should consider themselves as a part of the teaching community and fulfill their responsibilities to the maximum of their abilities. This is an opportunity to sharpen the teaching skills, as many of them may pursue a career in academics. Teaching assistantship for one semester has been deemed mandatory for all PhD Students. All the teaching departments/institutes will notify the names of TAs in each course and intimate to the Director Academics. The teaching departments/ institutes will make arrangements for the maintenance of attendance register.
2. The PhD and MS/MPhil/MSc (Hons.)/ MBA students will be assigned the duties of TA after the completion of their course work program. (Syndicate 20-01-2024)
3. Duration of the assistantship will be one semester which can be extended for another semester on the basis of his/her performance.
4. The supervisor of the student will send the name of the PhD/M.Phil./MSc (Hons)/MS student for the notification as a TA through the Dean/Principals, Chairman or Director to the Director, Graduate Studies.
5. The MPhil/MSc (Hons)/MS and PhD students not availing/availing any kind of scholarship and engaged as Teaching Assistant will receive monthly stipend of Rs.7500/- and 12000/- per month respectively.
6. The TAs are supposed to be a symbolic person. They will strictly observe the Ethical Code. Vigilant eye will be kept on activities of Teaching Assistants. There will be zero tolerance on any unethical activity of TAs.
7. At the end of semester, the course students will evaluate the TA as per evaluation performa.
8. After successful completion of TA ship, the PhD student will be awarded with a certificate for rendered services, by office of the Director Academics.
9. **Responsibilities of a TA will include:**

i. Assistant Professor/Supervisor in teaching practical and theory of undergraduate courses.
ii. Assistant supervisor to evaluate examinations, assignments, and record grades.
iii. Provide assistance to faculty members in laboratory and field research.
iv. Collect and return assignment to students on time.
v. Prepare course material under the guidance of faculty members, upload course material online and also maintain online attendance of respective courses.
vi. Be available for the students at least for 2 hours walk in time for students

during office hours for discussion and guidance of course.

vii. Mark their attendance on register regularly.

10. Miscellaneous

i. The Teaching Assistants will not be allowed for marking of papers of the students.

ii. The Lab and filed work duties will also be assigned to the Teaching Assistants by the Teacher concerned.

iii. The Director Academics will arrange training sessions to inculcate skill and ethical values in the Teaching Assistants. An orientation session must be arranged before engaging students as Teaching Assistants. The Deans Committee reiterated that Teaching Assistantship is a learning and training process which should strictly be monitored to maintain its sanctity and to make further improvements to evolve this learning process.

GRADUATE APTITUDE TEST (GAT) FOR MS/MPHIL/MSC(HONS) AND CGPA WEIGHTAGE FOR ADMISSION (ACADEMIC COUNCIL 16-07-2020)

Following, SOPs were devised to conduct entry test for admission to M.Sc. (Hons)/MPhil/MS and PhD degree program.

1. The entry test (GAT) will be centralized and conducted by the Controller of Examination and following proportion were proposed for GAT (Subject = 65%, Verbal Reasoning = 10%, Quantitative reasoning = 10%, Analytical Reasoning = 15%).
2. The paper will consist of 100 MCQs from the major subject for which admission requested. The maximum duration of test will be two hours.
3. The weightage to entry test (GAT) and CGPA/marks obtained by the candidate shall be 65% and 35%, respectively. (only for MS/MPhil/M.Sc. (Hons.)
4. The fee for the Graduate Aptitude Test (GAT) for MS/MPhil/MSc(Hons) and PhD will be Rs. 1500/- and Rs. 2500/-, respectively and the candidate shall apply through online (None Refundable). The admission application fee for each decipline will be Rs. 1500/- (non refundable)
5. The additional entry test will be conducted with the permission of the Competent Authority of the University for the admission.
6. The Office of the Controller of the Examination shall submit the result to the to the Director, Information Technology Resource Centre and Databank within three days after conduct of test who will upload the result on admission portal.
7. The questions in paper for test of admission to M.Sc. (Hons.)/M.Phil./ MS and PhD shall be from amongst the syllabus taught to the students.

A)	Subject	65%
B)	Verbal Reasoning	10%
C)	Quantitative reasoning	10%
D)	Analytical Reasoning	15%

SOPS FOR ONLINE GS-10 FORM SUBMISSION

Graduate Studies and Research Board in its meeting held on 18-06-2020, recommended that "Due to number of issues in the enrollment and cancellation of admission the Board desired that Principal Officer and In-charge ITRCDB make necessary arrangement for online GS-10 submission, by the postgraduate student at the time of enrollment form the next semester. The board recommended that GS-10 submission for Winter Semester, 2020-21 would be online. The PO, ITRCDB will make the proposal keeping in view all the sequences of enrollment and interlink of the data with the office of DGS, Controller of Examinations, Fee section, Chief Hall Warden and Departments/ Institutes as well, with all restrictions."

SOPS FOR ONLINE GS-10 FORM SUBMISSION

1. Directorate of Graduate Studies will send the request for providing the list of courses to be offered along with name of teachers to all teaching departments/institutes/sub-campuses. After receiving the list of courses, Directorate of Graduate Studies officials will upload all the courses in the database.
2. Student will login to his/her LMS account created by ITRCDB, and select the courses under the limitation provided in Graduate Studies Calendar i.e. 12 credit hours in regular semester and 9 credit hours during summer semester for MS/M Phil/MSc (Hons)/MBA and PhD. However, they can enroll extra credit hours with the permission of the Competent Authority provided in the regulation in the regular

semester and summer session. Moreover, students of fixed scheme of study will enroll prescribed credit hours during regular semester.

3. During 1st semester, students will enrol only major or deficiency courses (pre-requisite, regular deficiency) as described by the respective Board of Studies.
4. Fee voucher will be generated according to the degree fee schedule of the students. Student will download the voucher from the account, to be paid in the bank within due date which will be reflected on real time in his/her account.
5. After the verification of fee voucher student will be able to submit his/her GS-10 online through the database.
6. Student will submit his/her course work program proforma (GS/12) during first semester with the help of his/her supervisor before the mid examination online through the database.
7. Student may be allowed to revise his/her GS/10 form twice within 28 days from the date of enrolment. However, students of 1st semester may revise their GS-10, twice within 30 days after the date of enrolment.
8. The students who will be unable to complete their enrolment formalities within due date, will pay late fee as per notification issued by the Directorate of Graduate Studies. For this purpose, the Fee Section of Treasurer office will update the fee voucher with fine as per notification.
9. After submission of GS-10 form, it will be accessible to the Supervisor, Directorate Graduate Studies, Controller of Examinations and the respective Chairperson/Director/Director General/ Dean/ Principal.
10. All the teachers offering postgraduate courses will be able to generate a list of students enrolled in course (s) offered by them. The number of students for one course can be restricted by the ITRCDB as decided by the Dean's committee.

IMPORTANT POINTS FOR ONLINE ENROLLMENT

1. The students who could not enrol previous semester will not able to get the fee voucher for next semester and ITRCDB will block their registration numbers
2. The students whose admission was cancelled on account of low GPA/CGPA /non enrolment/residential period expiry/ failure in comprehensive examination or exit exam, ITRCDB will block their registration numbers (the data of such students will be provided by the Controller of Examinations)
3. The registration number of students who have been imposed major penalty (expulsion/ rustication), will be blocked by ITRCDB
4. GS-12 (Course work program) should be submitted during 1st semester, before mid-term examinations online through the database, failing which the enrolment of 2nd semester will be blocked by ITRCDB
5. GS-5 (Synopsis) for MS/MPhil/MBA/MSc (Hons) degree programs should be submitted during 2nd semester, otherwise enrolment for 3rd semester will be blocked by ITRCDB
6. GS-5 (Synopsis) for PhD degree program should be submitted during 4th semester, otherwise enrolment for 5th semester will be blocked by ITRCDB.
7. Student will provide data while submitting his GS-10 and produce following certificate

Course Work Submitted	"Y"	"N"
Synopsis Submitted	"Y"	"N"
UAF GRE or Entry Test	"Y"	"N"

"I shall be responsible for any piece of information misreported on this GS-10 form. I understand that it is subject to cancellation after scrutiny before receiving degree. I shall also abide by rules/regulations regarding GPA/CGPA. In case, I receive low GPA/CGPA than the required one my enrolment will be automatically cancelled. The information given above is correct to the best of my knowledge, the teacher(s) must carefully go through the filled in columns of GS-10 forms and other documents for his/her correctness.

Warning: *Admission will be cancelled if the CGPA fell below the following i.e. in M.A./MSc/MBA 3.5 year/M.Com/M.Ed. degree 2.00, MSc (Hons)/M Phil/MS/MBA 2.50 and PhD 3.00 at the end of academic year i.e. Winter/Spring and the following summer. If a student avails only one regular semester (Winter/Spring) must obtain GPA as mentioned above at the end of Summer session of the same academic year to remain on roll"*

STANDARD OPERATIVE PROCEDURES (SOPS) FOR CONDUCTING THESIS RESEARCH IN THE RESEARCH INSTITUTES OTHER THAN UAF

The SOPs already notified vide No. A-4/108-74/23807, dated 19-11-2018, (in future, the outstation research will be approved by the respective Deans under intimation to Director ORIC and Director Graduate Studies) regarding thesis research to be conducted outside the university in R&D Institutes and universities are valid and should be endorsed as such. The honorable members of the Committee were of the opinion that Deans of the relevant Faculties can better decide the indispensability of the research to be carried out sider UAF.

All Deans have direct relations with the Head(s) of Institutes/Universities who are willing in undertaking their research. However, the Committee proposed that respective supervisor(s) should ensure the quality of research, seriousness of the student/researcher and standard of data collection/presentation in the thesis. It was anticipated that norms of decency will be observed by the UAF student/researchers during their stay for research in other Institutes/ Universities.

1. As far as permission for outside researchers (who prefer to carry out their research at UAF) was concerned, it was unanimously decided that clause of free of charges was to be revisited. It was proposed that Rs.75000/- from PhD and Rs.30000/- from M.Sc.(Hons.)/MPhil student may be charged for conducting part of thesis research at UAF in lieu of utility charges/facilities/ consumables. It was also proposed that out of the received amount, 15% may be paid to the university as overhead charges/utility charges while remaining amount may be transferred to the respective lab./Department. A comprehensive mechanisms/SOPs be devised by the Treasurer's Office for mode of payment and disbursement of share to the lab./Department. This initiative will further strengthen the financial position and workability of the labs. at UAF.
2. The name of helping scientists (at UAF) may be included in the Supervisory Committee as Co-supervisor and facilitation/services extended by the Universities/Institutes(s) be duly acknowledged.
3. The students/researchers preferring UAF for conducting their part of thesis research will have to arrange lodging/boarding at his/her own level. For this purpose there will be no liability on the part of University.

DUTIES AND RESPONSIBILITIES OF THE GRADUATE ADVISOR

On the recommendation of Academic Council the office of the Directorate of Graduate Studies appointed graduate advisers on the recommendation of the respective Chairperson/Director for the degree programs offered.

Graduate Advisers play a key role in the academic life of PhD students and in the functions of the Directorate of Graduate Studies. When a PhD student admitted to a degree program for the completion of course work and thesis research, assigned a Supervisor. The Graduate Advisers who counsels all PhD students and committed to the education and training of the PhD students as a future member of the professional community.

TORs of the PhD Graduate Advisor are as follow:

1. Graduate Advisor will have the responsibility to familiar PhD scholar with the policies and procedures outlined in Graduate Studies Calendar available on the university web site.
2. Graduate Advisor be knowledgeable of the requirements and deadlines of the student's degree program as well as those of the university, including teaching/research assistantship requirements and guidelines.
3. The Graduate Advisor will inform the scholar about the requirement of the degree program to undertake course work (major, minor and compulsory minor).
4. Graduate Advisor will ensure that "the supervisory committee of a student for course work and research shall be proposed by the respective Board of Studies during 1st semester"
5. Graduate advisor will also ensure that PhD Scholar must submit their course work program (GS/12) during first semester and Synopsis (GS/5) during 4th semester of their program of study.
    i. The Graduate Advisor will make sure the meeting of Supervisors and Scholars on monthly basis and submit a report with regard to each PhD student showing general progress particularly in research, to the respective Chairperson/Director/Principal.
    ii. Graduate Advisor will inform the PhD scholar regarding the enrolment and the credit hours to be taken in a semester.
    iii. Will educate the Scholar for cancellation of Admission on account of non-enrolment, low GPA/CGPA, residential period of the degree

program

iv. Promote the scholarly activity to the scholar and give credit in an appropriate manner to their contributions.
v. Provide guidelines for the Comprehensive examinations (written & Oral), thesis submission and defence.
vi. Provide help to apply for different institution for funding, and training programs
vii. Ensure the scope of the research whether it relates to the field or not
viii. Also ensure the research is addressing the current issues of the practical nature
ix. Make sure the research facilities available at the campus

Graduate Advisors /Counsellors/Coordinators will also maintain the record of PhD Scholars enrolled in their Institute/Department.

STANDARD OPERATING PROCEDURES (SOPs) TO CONSTITUTE SUPERVISORY COMMITTEE AND ITS REVISION

The objective is to outline a standardized process for constituting/ revision of the Supervisory Committee for postgraduate (MS/MPhil/ PhD) research scholars to ensure academic oversight, quality research guidance, and compliance with institutional and regulatory guidelines.

- These SOPs apply to all postgraduate research programs under the purview of the respective Board of Studies (BoS) within a university and academic department/institutes/constituents Colleges.
- The responsibility of the respective Board of Studies BOS is to appoint the supervisory committee for research of postgraduate students. The Chairmen/Director/Director General/ will forward the revised supervisory committee through the respective Dean to the office of the DGS, accompanied with
  i) Proper justification,
  ii) Consent from relieving supervisor of the supervisory committee
  iii) Consent from the proposed supervisor of the supervisory committee.
- The scholar must be enrolled in a postgraduate degree program and eligible to begin research as per UAF policy.
- The postgraduate scholar, in consultation with the department, the student will submit a preference list comprising of all faculty members of the subject in the department/institute. The BOS will discuss and allot supervisor taking into consideration preference of the student, consent of faculty member, no. of slots under his/her supervision and merit of the student. (PhD = 5 and MS/MPhil/MSc (Hons)/MBA = 7). However, the PhD candidate/student will submit the consent of a faculty member. The BOS will discuss the consent and recommend the supervisor on the basis of research proposal, consent and availability of slot.
- The primary supervisor proposes a Supervisory Committee, typically consisting of:
  a. Supervisor (Chair)
  b. Co-supervisor(s) (if required which is optional)
  c. One member from the field of research
  d. One member from the relevant field of different department/ Institute
  e. One external member (National/International) which is optional.
- The BOS may suggest modifications or reject the committee or recommend for approval by the Vice Chancellor as desired by GSRB submitted through the office of the Graduate Studies.
- An official notification is issued by the office of DGS and electronic copies will be sent to the respective Chairman, Dean and Controller of Examinations. The committee becomes effective from the date of notification.
- Once constituted the Supervisory Committee, must guide the postgraduate scholar in research methodology, review of literature, and experimentation and reviews progress on a regular basis (GS-13), approves research synopsis and thesis drafts, Conducts and evaluates presentations Viva Voce and thesis defense at university level.

Revision of the approved Supervisory Committee

Any changes (replacement/addition/removal) in the committee must be: Justified by the BoS and approved by the Vice Chancellor on behalf of the GSRB. The revised supervisory committee will be notified by the Directorate of Graduate Studies.

Conditions for Continuation of Supervision

The faculty member on Extra Ordinary Leave (EOL), Deputation/ Dismissed/terminated from the university/joined other University cannot continue to serve as a Supervisor of the Student supervisory

Committee.

The supervisor who on study leave for Post Doc (12 months) may continue with following terms and conditions.

Willingness to Continue

- A written request must be submitted by the supervisor indicating:

a. Willingness to continue supervision
b. Nature and duration of the leave
c. Mode of supervision (e.g., online meetings, email correspondence)

Formal Approval

- The request must be approved by:

a. Chairman/Director/Director General/Principal
b. Respective Board of Studies (BoS)
c. Respective Dean

Mode of Communication

a. The supervisor must commit to regular and effective communication with the student (e.g., monthly virtual meetings, feedback on drafts via E-mail).
b. The scholar must submit a progress report (GS-13) signed electronically by the supervisor.

Presence for Key Events

a. The supervisor must participate remotely in major academic activities (e.g., synopsis defense, pre-submission review, thesis evaluation meetings)

Duration Limit

a. Supervision from abroad or while on leave can continue for a maximum period of 12 months, which is not extendable.

Contingency Arrangements

If supervision is not feasible due to time zone differences, workload, or other limitations:

- The respective Board of studies may revise the supervisory committee
- The 2nd member should be promoted to Supervisor.

IMPLEMENTATION OF ELECTRONIC SIGNATURES FOR POSTGRADUATE SCHOLAR DOCUMENTATION

To streamline and digitize the approval process for postgraduate scholars' key academic documents including Course Work approvals, Synopsis, E-30 Form, and Semi-final thesis through secure and verifiable Electronic Signatures (E-Signatures) and ensuring adherence to relevant regulations, particularly regarding the presence and role of the Supervisory Committee Chairman, Co-Supervisor, members of the committee, Electronic Signatures will be implemented for the documents i.e. Course Work, Synopsis Submission, E-30 Form (Comprehensive Examination/Thesis submission) and Semi-final Thesis Submission

According to the existing regulation No 56:-

"While defending synopsis/thesis by a PhD student in the absence of co-supervisor/member, the Chairman of the Department/ Director of the Institute in which student is enrolled will sign on the behalf of supervisor or member."

To ensure compliance, E-signatures may be used for document endorsements, approvals, and administrative processing on Course Work/Synopsis/thesis defense by the supervisor/co-supervisor, member of the committee, Chairman/Director/Director General/Principal and respective Dean before or after the defense, provided presence requirements are met where necessary, However, these official must use the official E-mail ID for verification.

STANDARD OPERATING PROCEDURE (SOPS) FOR SYNOPSIS DEFENSE (SECOND SEMINAR)

To ensure the 2nd seminar, which is delivered at the time of synopsis preparation, is conducted in accordance with university and HEC guidelines, ensuring academic rigor, transparency, and inclusivity.

- The 2nd seminar must be conducted within the semester in which the synopsis is being prepared.
- It should be scheduled at least 7 working days before the semester ends to allow for administrative processing and publication.
- The seminar must be announced in Campus News at least seven days prior to the seminar date.
- A formal announcement must be made via Campus News, including:
    - Title of the seminar
    - Name of the scholar and supervisor
    - Date, time, and venue (physical and/or virtual)
    - MS Teams or Zoom link for online participation
- The announcement must be approved by the Supervisory Committee, respective Chairman/Director/Principal and Dean or equivalent authority.
- A online link (Teams, google meet, Zoom) must be created and shared in the Campus News announcement.
- The seminar should be accessible to all postgraduate students and faculty through online registration at university level.
- A hybrid format (physical + online) encourages maximize participation.
- Mandatory attendance for all postgraduate students, supervisory Committee and faculty of the department/institute.
- Attendance should be recorded and submitted to the Controller of Examinations.
    - The seminar should focus on:

  - Research problem and objectives
  - Literature gap and justification
  - Proposed solution options
  - Proposed methodology
  - Expected outcomes
- Duration: 30-60 minutes presentation followed by 30–60 minutes Q&A.
- A panel of faculty members including the supervisory Committee should be present.
- Constructive feedback must be documented, and panel of faculty members will shared with the scholar.
- A seminar evaluation form should be filled and signed by supervisory Committee.
- Submit the following to the Controller of Examinations within 3 working days after the seminar under the intimation of DGS office:
- Attendance sheet
- Feedback form
- Copy of the presentation
- Seminar evaluation form
- Non-compliance with any of the above steps may result in postponement or invalidation of the seminar.
- The seminar must be conducted in an alternate semester from the first seminar, as per regulation.

STANDARD OPERATING PROCEDURE (SOPS) FOR PHD THESIS PEER REVIEW

To ensure transparency, academic rigor, and constructive feedback before the submission of a PhD thesis for foreign evaluation, in compliance with university and HEC regulations.

- The candidate must have passed both written and oral parts of the comprehensive examination.
- The semi-final version of the thesis must be approved by the supervisory committee before initiating the peer review process.
- The semi-final thesis must be submitted to the Directorate of Graduate Studies (DGS).
- The thesis will be placed in the office of the Director/Chairman of the concerned department/institute for seven (7) days.
- This placement must occur before submission for foreign evaluation.
- A notice must be published in Campus News at least seven (7) days prior to the thesis being placed for peer review.

  The notice must include:
  - Scholar's name and registration number
  - Thesis title
  - Department/Institute
  - Dates of thesis availability for review
  - Location of the thesis (physical and/or digital access)
- All postgraduate scholars and faculty members of the department/ institute must be invited to review the thesis.
- A review register or online access data should be maintained to record names and comments of reviewers.
- The thesis must be prepared in accordance with the format approved by the Graduate Studies and Research Board (GSRB).
- A plagiarism report must be attached as per university policy.
- Reviewers may submit written suggestions or corrections during the

7-day review period.

- All feedback must be submitted to the Chairman/Director of the department/institute.
- The supervisory committee will review the suggestions,
- If deemed valid, the scholar must incorporate the changes into the final version of the thesis.
- After incorporation of suggestions, the Chairman/Director will issue a formal letter certifying that:
- The peer review process was completed.
- Suggestions were incorporated appropriately.
- The thesis is now ready for submission to foreign evaluators.
- The following documents must be submitted to the Controller of Examination under the intimation of the DGS office:
- Peer review attendance and comment register
- Certification letter from the Chairman/Director/DG duly signed by the Dean
- Final version of the thesis
- Plagiarism report
- Any additional forms required by the Controller of Examinations and office of the DGS

STANDARD OPERATING PROCEDURE (SOPS) FOR PHD THESIS DEFENSE

To ensure a structured, transparent, and academically rigorous process for the final public defense of a PhD thesis following positive external evaluation.

Prerequisites

- The PhD thesis must have received positive evaluation reports from the required number of external examiners.

Examination Committee Composition

- The Examination Committee shall consist of:
- The Supervisory Committee
- Two External Examiners appointed by the Vice Chancellor

Timeline

- The defense must be conducted within four (4) months from the date the evaluation reports are sent to the supervisor:
- Second report if the panel includes 12 external examiners
- First report if the panel includes 6 external examiners

Announcement and Publicity

- The defense must be announced in Campus News at least seven (7) days prior to the scheduled date.
- The announcement must include: Online link (Teams, Google meet, Zoom) for virtual participation

Venue and Participation

- The defense must be conducted at the university level.
- Mandatory attendance for all postgraduate students and faculty of the department/institute.
- A hybrid format (in-person + online) is encouraged to ensure accessibility.

Defense Procedure

- The scholar will present the research in a 60-minute presentation, covering:
- Research objectives
- Methodology
- Key findings
- Contributions to knowledge
- Followed by a Q&A session with the Examination Committee and audience.

Evaluation and Outcome

- The Examination Committee will deliberate in a closed session after the presentation.
- The committee may:
- Approve the thesis
- Approve with minor revisions
- Recommend major revisions (rare at this stage)
- The decision will be documented and signed by all committee members.

Documentation

- The following documents must be submitted to the Controller of Examinations under the intimations to the Directorate of Graduate **Studies**:
- Defense attendance sheet
- Evaluation report signed by the Examination Committee
- Final version of the thesis (if revised)
- Certificate of successful defense
- All declarations submitted by the scholar

SOPs/REGULATIONS FOR THE DISTRIBUTION OF POSTGRADUATE STUDENTS TO THE DIFFERENT FACULTIES/INSTITUTE/DEPARTMENTS

a. Allocation of Students

I. The Host Department will give its requirement of students for supervision to the coordinator in the host Faculty.
II. The coordinator of the host Faculty will pass this information on to the parent departments.
III. The Parent Department will send a list of students on merit decided for their own departments to the coordinator of the host Faculty for further allotment of Supervisors in various Departments/Institutes of the host Faculty.
IV. The parent department will allocate student from one program of study, preferably from evening program.
V. Any issue on allocation of students will be settled with mutual consent of the concerned parties through Coordinator of the host Faculty.

b. Supervisory Committee:

Composition of the Supervisory Committee will be as under: -

i. One member from host department (Supervisor)
ii. One member from parent department (Member)
iii. One member from the department where from minor courses will be taken

C. Signatures:

The same procedure will be followed for signature as followed for other students of the parent department (i.e. Supervisor then Chairman of parent department and then Dean of the parent Faculty). However, before getting the signatures of the parent departments all papers to be signed will be routed through the host Faculty Coordinator for implementation of the agreed SOPs.

D. Course Work:

i. Major courses will be decided by the parent department.
ii. Minor courses will be decided by the supervisory committee and would Preferably by selecting from the courses identified for these students in the host Faculty.
iii. Total five courses (one from each department/Institute of the host Faculty), will be identified as minor courses for this purpose.
iv. The enrollment limit in one course will be 40-60 students.
v. Classes of these courses will be held in the evening.

E. Miscellaneous:

i. Coordination between the parent and the host Faculty:

The Host Faculty will nominate a coordinator, who will work on behalf of the Dean, of the host Faculty. The responsibilities of the coordinator would be ensure smooth running of this program according to the SOPs agreed between two faculties, to provide day to day guidance to students regarding course selection, preparation of course work and synopsis etc., and to supervise of the courses offered by different departments of the host faculty in the evening.

ii. Synopsis Scrutiny:

Same procedure as followed for other students in the parent department followed for synopsis scrutiny of the students allocated in the host faculty.

iii. Seminar and Special Problem:

Seminars and special problems of these students will be arranged and conducted by the host department.

iv. Enrollment of Minor Courses:

The student will take at least one course as a minor from the host department. However, the student may take relevant minor courses from other departments (s) as suggested by the supervisory committee.

IMPORTANT INSTRUCTIONS FOR CANDIDATES FOR ADMISSION

PART-A
SELF-SUPPORTING PROGRAM

1. The candidates applying against this category will submit a bank draft to the Treasurer amounting to Rs.200,000/- with break up i.e. Rs.50,000/- with the application form and Rs.1,50,000 in subsequent semesters i.e. in 2nd, 3rd and 4th. The Treasurer, University of Agriculture, Faisalabad will issue three copies of the receipt to the candidate which he will have to attach along with each admission form to be submitted in the office of Director, Graduate Studies.
2. The candidate seeking admission on self-supporting scheme will have also to pay the normal dues being charged from other regular students in addition to Rs.200,000/- deposited at the time of submission of application.
3. In case a candidate is not selected on merit after depositing entry fee or not willing to join the course (as the case may be), the amount of entry fee can be refunded. Provided that such candidate after one month from commencement of classes. Submits an application addressed to the Treasurer for the purpose. The application should be certified/ recommended by the Director Graduate Studies indicating that the applicant applied for admission in the category but could not be admitted on merit in the course(s), wherever he was eligible to apply/ not completed admission formalities being unwilling to join the course (as the case may be) and the entry fee may be refunded to him.
4. If a candidate once admitted against this category, deposits the normal dues and enrolls himself by submitting GS/10 form and subsequently leaves the University under any circumstances, the amount along with other dues already deposited by him shall not be refunded in any case.
5. If admission of any candidate is notified but he neither deposited the University dues nor completed the enrollment formalities within the stipulated period, his/her admission shall stand canceled and the amount deposited by him will be refunded to him as specified under above.
6. If the applicants seeking admission on the self-supporting scheme are more than the number of allocated seats, the admission will be made on merit (among themselves) to be determined on the basis of marks obtained plus marks obtained in the relevant subject wherever applicable.
7. The minimum existing eligibility conditions prescribed for admission to all the relevant postgraduate courses in the morning session will remain the same also for the candidates applying on self-supporting scheme.
8. Admission on all categories shall be completed first and admission in the entry fee paid program shall be notified later on.
9. If a candidate (fresh entrant) once admitted on merit in morning/ evening program deposits the prescribed dues and enrolls himself/ herself by submitting or not submitting GS-10 form and subsequently leaves the University under any circumstances, total dues except "admission fee" deposited by him/her shall be refunded as per percentage and time limit given below.

% age of dues deposited	Time Limit
Full (100%) Refund of entry fee and total dues/hostel dues deposited excluding admission fee	Up to 7th day of convene of classes or depositing of dues whichever is later (*)
Half (50%) Refund of entry fee and total dues/hostel dues deposited excluding admission fee	From 8th - 15th day of convene of classes or depositing of dues whichever is later (*)
No (0%) Refund	From 16th day of convene of classes or depositing of dues whichever is later (*)

(*) In the case where dues were deposited after commencement of classes, the next day from depositing dues will be considered as date of convene of calsses.
If a Regular student after depositing dues leaves the University at his own either submitting or without submitting GS-10 form, the normal dues/ hostel dues and entry fee deposited by him/her shall not be refunded.

PART-B OPEN MERIT (MORNING/EVENING PROGRAM)

(1) If a candidate (fresh entrant) once admitted on merit in morning/evening program deposits the prescribed dues and enrolls himself/herself by submitting or not submitting GS-10 form and subsequently leaves the University under any circumstances, total dues except "admission fee" deposited by him/her shall be refunded as per percentage and time limit given below.

% age of dues deposited	Time Limit
Full (100%) Refund of entry fee and total dues/hostel dues deposited excluding admission fee	Up to 7th day of convene of classes or depositing of dues whichever is later (*)
Half (50%) Refund of entry fee and total dues/hostel dues deposited excluding admission fee	From 8th - 15th day of convene of classes or depositing of dues whichever is later (*)
No (0 %) Refund	From 16th day of convene of classes or depositing of dues whichever is later (*)

(*) In the case where dues were deposited after commencement of classes, the next day from depositing dues will be considered as date of convene of calsses.

(2) If a Regular student after depositing dues leaves the University at his own either submitting or without submitting GS-10 form, the normal dues/hostel dues and entry fee deposited by him/her shall not be refunded (Syndicate 7.9.2013).

(3) a. 100% university dues excluding admission process fee be refunded to the legitimate family, if the student dies during the semester, while the date of submission of application for refund shall not apply and the family may submit refund application at any time within the semester.
b. No refumd (0%) after termination of semester.

(4) i) If a student get admission whenever, he/she will be considered as university graduate/already registered student (avail all fee facilities)
ii) Refund will be made only for current semester and not for previous semester except low CGPA

SCHEDULE-I

Number of Discipline offered at M.Sc. (Hons) M. Phil & MS level

1. Agronomy
2. Agri. Biotechnology
3. Biotechnology
4. Entomology
5. Forestry
6. Horticulture
7. Plant Breeding and Genetics
8. Plant Pathology
9. Soil Science
10. Environmental Science
11. Agricultural Extension
12. Gender Studies
13. Agri. Economics
14. Development Economics
15. Rural Development
16. Environmental & Resource Economics
17. MS (Management) Specialization Agribusiness
18. Agricultural Engineering
19. Water Resource Engineering
20. Animal Breeding and Genetics
21. Animal Nutrition
22. Livestock Management
23. Poultry Science
24. Dairy Technology
25. Food Technology
26. Home Economics (Food and Nutrition)
27. Home Economics (Human Development and Family Studies)
28. Home Economics (Clothing and Textile)
29. Human Nutrition and Dietetics
30. Climate Change
31. Seed Science & Technology
32. Botany
33. Bio-Chemistry
34. Chemistry
35. Statistics
36. Physics
37. Zoology
38. Theriogenology
39. Anatomy
40. Clinical Medicine & Surgery
41. Microbiology
42. Parasitology
43. Pathology
44. Physiology
45. Pharmacology
46. Epidemiology and Public Health
47. Mathematics
48. Crop Physiology
49. Sustainable Agriculture
50. Food Safety & Quality Management
51. Food Engineering
52. Environmental Engineering
53. Energy System Engineering
54. Food Service Management
55. Textile Technology

SCHEDULE-II

Number of Discipline offered at PhD level

1. Agronomy
2. Entomology
3. Forestry
4. Horticulture
5. Plant Breeding and Genetics
6. Seed Science and Technology
7. Plant Pathology
8. Soil Science

9. Biotechnology
10. Genetics
11. Agricultural Extension
12. Agri. Economics
13. Development Economics
14. Environmental and Resource Economics
15. Marketing and Agribusiness
16. Agri. Engineering
17. Water Resource Engineering
18. Animal Breeding and Genetics
19. Animal Nutrition
20. Livestock Management
21. Poultry Science
22. Botany
23. Bio-Chemistry
24. Chemistry
25. Zoology
26. Ecology
27. Physics
28. Anatomy
29. Clinical Medicine and Surgery
30. Microbiology
31. Parasitology
32. Pathology
33. Physiology
34. Pharmacology
35. Theriogenology
36. Food Technology
37. Human Nutrition and Dietetics
38. Environmental Science
39. Computer Science
40. Rural Sociology
41. Economics
42. Statistics
43. Mathematics
44. Crop Physiology
45. Energy System Engineering

SCHEDULE-III

MA, M.Sc. & M.Phil. DEGREE PROGRAM UNDER EVENING(E)/WEEKEND(W) PROGRAMS

M.Sc. (Hons)

1. Environmental Science (E)
2. Food Technology (E)
3. Human Nutrition & Dietetics (E)

M Phil/MS/MBA

1. Microbiology (E)
2. Biotechnology (E)
3. Economics (E/W)
4. Botany (E)
5. Computer Science (E)
6. Software Engineering (E)
7. Bioinformatics (E)
8. Rural Sociology (E)
9. Sociology (E/W)
10. Gender Studies (M/E)
11. Management Marketing (E)
12. Management Finance (E)
13. Bio-Chemistry (E)
14. Chemistry (E)
15. Zoology (E)
16. Physics (E)
17. Mathematics (E)
18. English (Linguistics) (E)
19. Education (W)
20. MBA (E)
21. MBA (Executive) (W)
22. Islamic Studies (E)

UAF Sub-Campses

Toba Tek Singh

1. PhD Poultry Science
2. MSc (Hons.) Poultry Science
3. MSc (Hons.) Animal Nutrition
4. MS Computer Sceince
5. MPhil Chemistry
6. MPhil Zoology
7. Human Nutrition & Dietetics
8. MBA (Executive)

Burewala/Vehari

1. MSc (Hons.) Agronomy
2. MSc (Hons.) Horticulture
3. MSc (Hons.) Soil Science
4. MSc (Hons.) Plant Pathology
5. MSc (Hons.) Food Technology
6. MSc (Hons.) Entomology
7. MSc (Hons.) Plant Breeding & Genetics
8. MSc (Hons.) Environmental Science
9. MS Computer Science

Depalpur Okara

1. MSc (Hons.) Agronomy
2. MSc (Hons.) Horticulture
3. MSc (Hons.) Soil Science
4. MSc (Hons.) Environmental Science
5. MSc (Hons.) Entomology
6. MSc (Hons.) Plant Pathology
7. MSc (Hons.) Plant Breeding & Genetics
8. MSc (Hons.) Agri Extension
9. MPhil Chemistry (E)
10. MPhil Botany (E)
11. MPhil Physics (E)
12. MPhil Zoology (E)
13. MPhil Mathematics (E)

Postgraduate Agricultural Research Station (PARS) Morning(M) / EVENING(E) PROGRAMS

1. MPhil Chemistry
2. MPhil Botany
3. MPhil Physics
4. MPhil Zoology

LIST OF COURSES FOR VARIOUS DEGREES

FACULTY OF AGRICULTURE

AGRONOMY

Course No.	Title of the Course	Credit hours
AGR-701	Modern Concepts in Crop Productivity	3(2-1)
AGR-702	Crop Production and Herbicides	3(2-1)
AGR-703	Physiology and Management of Crop Nutrition	3(3-0)
AGR-704	Advances in Irrigation Agronomy	3(2-1)
AGR-705	Applied Crop Ecology	3(3-0)
AGR-706	Field Crop Experimentation	3(2-1)
AGR-707	Advances in Agronomy	3(2-1)
AGR-708	Applied Conservation Agronomy	3(3-0)
AGR-709	Seed Technology	3(2-1)
AGR-710	Plant Growth Substances	3(2-1)
AGR-711	Agro-Meteorology	3(2-1)
AGR-712	Forage Production and Preservation	3(3-0)
AGR-713	Weed Management	3(2-1)
AGR-714	Arid Zone Agronomy	3(3-0)
AGR-715	Crop Modeling	3(2-1)
AGR-716	Allelopathy in Crop Production	3(2-1)
AGR-717	Sustainable Agriculture	3(3-0)
AGR-718	Seed Ecology	3(2-1)
AGR-719	Special Problem	1(1-0)
AGR-720	Seminar	1(1-0)
AGR-721	Stress Agronomy	3(2-1)
AGR-722	Farming and Cropping Systems	3(2-1)
AGR-723	General Crop Physiology	3(2-1)
AGR-724	Seed Physiology	3(2-1)
AGR-725	Postharvest Physiology of Field Crops	3(3-0)
AGR-726	Crops Stress Physiology	3(2-1)
AGR-727	Biological Nitrogen Fixation	3(2-1)
AGR-728	Crops for Changing Environment	3(2-1)
AGR-729	Physiology of Crop Yield	3(2-1)
AGR-730	Physiology of Halophytes	3(2-1)

ENTOMOLOGY

ENT-701	Research Methods in Entomology	3 (1-2)
ENT-702	Insects Evolutionary Biology	2(2-0)
ENT-703	Environmental Entomology	2(2-0)
ENT-704	Advances in Insect Physiology	3(2-1)
ENT-705	Chemical Ecology of Insects	2(2-0)
ENT-706	Insect Pathology	3(2-1)
ENT-707	1nsect Developmental Biology	2(2-0)
ENT-708	Insect Genetics	2(1-1)
ENT-709	Insecticide Resistance and Management	3 (2-1)
ENT-710	Insects In Relation to Plant Diseases	3(2-1)
ENT-711	Medical Entomology	3(2-1)
ENT-712	Acarology	3(2-1)
ENT-713	Bionomics of Immature Insects	3(2-1)
ENT-714	Insect Toxicology	3(2-1)
ENT-715	Insect Nutrition	2(1-1)

Course No.	Title of the Course	Credit hours
ENT-716	Insecticides and Public Health	2(2-0)
ENT-717	Biological Control of Insect Pests	3(2-1)
ENT-718	Advances In Pest Management Research	3(2-1)
ENT-719	Special Problem	1(1-0)
ENT-720	Seminar	1(1-0)
ENT-721	Advances In Insect Genetic Control Technologies	2(2-0)
ENT-722	Drosophila Genetics and Genomics	3(2-1)
BIOTECHNOLOGY		
BIOTECH-701	Genetic Engineering-101	3(3-0)
BIOTECH-702	Somatic Cell Genetics	3(2-1)
BIOTECH-703	Advances in Molecular Genetics	3(3-0)
BIOTECH-704	Applications of Biotechnology	3(3-0)
BIOTECH-705	Molecular Plant Microbe Interactions	3(3-0)
BIOTECH-706	Transgenic Plants	3(2-1)
BIOTECH-707	Proteomics and Protein Engineering	3(3-0)
BIOTECH-708	Bioinformatics and Computational Biology	3(2-1)
BIOTECH-709	Molecular Virology	3(2-1)
BIOTECH-710	Recent Advances in Biotechnology	3(3-0)
BIOTECH-711	Viral Structure and Replication	3(2-1)
BIOTECH-712	Molecular Systems Biology	3(2-1)
BIOTECH-713	Seed Biotechnology	3(3-0)
BIOTECH-714	Organelle Biology and Biotechnology	3(3-0)
BIOTECH-715	Molecular Diagnostics	2(0-2)
BIOTECH-716	Synthetic Biology and Applications	3(3-0)

Course No.	Title of the Course	Credit hours
BIOTECH-719	Special Problem	1(1-0)
BIOTECH-720	Seminar	1(1-0)
GENETICS		
Gene-701	Drosophila genetics	3(2-1)
Gene-702	Cellular and developmental genetics	3(2-1)
Gene-719	Special Problem	1(1-0)
Gene-720	Seminar	1(1-0)
FORESTRY		
FRW-701	Applied Silviculture	3(2-1)
FRW-702	Commercial Forestry in Irrigated Plains	3(2-1)
FRW-703	Advances in Agro-Forestry	3(2-1)
FRW-704	Advances in Forest Products	3(2-1)
FRW-705	Modern Concepts in Range Management	3(2-1)
FRW-706	Forestry, Wildlife and Recreation	3(2-1)
FRW-707	Forest and Environment	3(2-1)
FRW-708	Forest and Range Vegetation Physiology	3(2-1)
FRW -709	Advanced Range Ecology	3(2-1)
FRW -710	Range Utilization and Productivity	2(2-0)
FRW -711	International Forestry	2(2-0)
FRW -712	Urban Forestry and Wildlife	3(2-1)
FRW-713	Advances in Watershed Management	3(2-1)
FRW-714	Rangeland and Wildlife Habitat	3(2-1)
FRW -715	Forest and Range Resource Evaluation	3(2-1)
FRW-716	Tree Breeding and Genetics	3(2-1)
FRW-717	Advanced Forest Genetics	3(2-1)

Course No.	Title of the Course	Credit hours
FRW -719	Special Problem	1(1-0)
FRW -720	Seminar	1(1-0)
PLANT PATHOLOGY		
PP-701	Experimental Plant Pathology	3(2-1)
PP-702	Biological Control of Plant Pathogens	3(2-1)
PP-703	Pathology of Fruits and Vegetables	3(2-1)
PP-704	Integrated Plant Disease Management	3(2-1)
PP-705	Plant Pathology and Environmental Concerns	3(3-0)
PP-706	Ecology And Physiology of Plant Pathogens	3(2-1)
PP-707	Biochemistry and Physiology of Diseased Plants	3(2-1)
PP-708	Vector Transmission of Plant Diseases	3(2-1)
PP-709	Chemotherapy of Plant Diseases	3(2-1)
PP-710	Seed Pathology	3(2-1)
PP-711	Field Plant Pathology	3(2-1)
PP-712	Plant Pathology and International Agri.Trade	3(2-1)
PP-713	Biotechnology and Genetic Engineering in Plant Pathology	3(2-1)
PP-714	Applied Bioinformatics in Plant Pathology	3(2-1)
PP-715	Pesticide Applications / Pesticide Products	3(2-1)
PP-716	Plant Disease Epidemiology and Data Science	3(2-1)
PP-717	Molecular Plant Virology	3(2-1)
PP-718	Fungal Systematics and Phylogenetics	3(2-1)
PP-719	Special Problem	1(1-0)
PP-720	Seminar	1(1-0)
PP-721	Molecular Plant-Pathogen Interactions	3(2-1)
PP-722	Advances in Plant Pathology	3(3-0)
PP-723	Advances in Plant Mycology	3(2-1)
PP-724	Biology and Genetics of Plant Pathogens	3(3-0)
PLANT BREEDING AND GENETICS		
PBG-701	Biometrical Approaches in Plant Breeding	3(1-2)
PBG-702	Developmental Biology of Field Crops	2(2-0)
PBG-703	Plant Breeding Methodology and Genetic Resources	3(2-1)
PBG-704	Population Genetics	3(3-0)
PBG-705	Evolution of Field Crops	3(3-0)
PBG-706	Plant Molecular Breeding	3(2-1)
PBG-707	Cytogenetics of Crop Plants	3(2-1)
PBG-708	Bioinformatics and Computational Biology	3(2-1)
PBG-709	Plant Breeding for Stress Environments	3(2-1)
PBG-710	Trends in Crop Genetics and Cytogenetics	3(2-1)
PBG-711	Bio-fortification in Staple Crops	3(2-1)
PBG-712	Advances in Genetics	3(3-0)
PBG-713	Trends in Crop Breeding and Evolution	3(3-0)
PBG-714	Innovations in Vegetable Breeding	3(2-1)
PBG-715	Applied Mutation Breeding	3(2-1)
PBG-716	Genetic Improvement of Staple Grains	3(2-1)
PBG-717	Breeding Advances in Sugar Crops	3(2-1)
PBG-718	Genetics of Fiber Crops	3(2-1)
PBG-719	Special Problem	1(0-1)
PBG-720	Seminar	1(1-0)

Course No.	Title of the Course	Credit hours
PBG-721	Physiological Plant Breeding	2(2-0)
PBG-722	Omics in Plant Breeding	3(2-1)
PBG-723	Statistical Genomics	3(1-2)
PBG-724	Genetic Improvements in Fodder and Oilseed Crops	3(2-1)
HORTICULTURE		
HORT-701	Rootstocks For Fruit Crops	3(2-1)
HORT-702	Citriculture	3(2-1)
HORT-703	Advances in Fruit Science	3(2-1)
HORT-704	Commercial Fruit Production	3(2-1)
HORT-705	Fruit Breeding	3(2-1)
HORT-706	Horticultural Crops Nutrition	3(2-1)
HORT-707	Physiology of Horticultural Crops	3(2-1)
HORT-708	Plant Tissue Culture	3(2-1)
HORT-709	Vegetable and Flower Seed Production	3(2-1)
HORT-710	Advances in Postharvest Science and Technology	3(2-1)
HORT-711	Vegetable Breeding	3(2-1)
HORT-712	Commercial Vegetable Production	3(2-1)
HORT-713	Advances In Vegetable Science	3(2-1)
HORT-714	Solanaceous Vegetables	3(2-1)
HORT-715	Mushroom Biology and Technology	3(2-1)
HORT-716	Turfgrass Management	3(2-1)
HORT-717	Environmental Horticulture	3(2-1)
HORT-718	Advances in Floriculture	3(2-1)
HORT-719	Special Problem	1(1-0)

Course No.	Title of the Course	Credit hours
HORT-720	Seminar	1(1-0)
HORT-721	Landscape Designing	3(2-1)
HORT-722	Interioscaping	3(2-1)
HORT-723	Spices and Condiments	3(2-1)
HORT-724	Medicinal Plants Processing	3(2-1)
SOIL SCIENCE		
SS-701	Soil Chemistry	3(2-1)
SS-702	Instrumental Analysis and Analytical Techniques	3(2-1)
SS-703	Soil Fertility and Plant Nutrition	3(3-0)
SS-704	Principles and Applications of Soil Microbiology	3(2-1)
SS-705	Soil Classification	3(2-1)
SS-706	Salt-affected and Waterlogged Soils	3(3-0)
SS-707	Soil Physics	3(2-1)
SS-708	Advances in Soil Chemistry	3(3-0)
SS-709	Advances in Soil Fertility	3(3-0)
SS-710	Soil and Environmental Microbiology	3(3-0)
SS-711	Advances in Soil Physics	3(3-0)
SS-712	Soil Mineralogy	3(2-1)
SS-713	Soil–Plant–Environment Relationship	3(3-0)
SS-714	Principles and Applications of Bioremediation	3(3-0)
SS-715	Research Methods and Scientific Writing	2(2-0)
SS-716	Soil Quality and Management	2(2-0)
SS-717	Nutrient Acquisition and Transport	2(2-0)
SS-718	Biochar: Concept and Application	2(2-0)

Course No.	Title of the Course	Credit hours
SS-719	Special Problem	1(1-0)
SS-720	Seminar	1(1-0)
SS-724	Occupational Safety and Health	3(2-1)
SS-738	Digital Soil Mapping	3(2-1)
ENVIRONMENTAL SCIENCE		
ES-702	Instrumental Analysis and Analytical Techniques	3(2-1)
ES-710	Soil and Environmental Microbiology	3(3-0)
ES-714	Principles and Applications of Bioremediation	3(3-0)
ES-715	Research Methods and Scientific Writing	2(2-0)
ES-716	Soil Quality and Management	2(2-0)
ES-718	Biochar: Concept and Application	2(2-0)
ES-719	Special Problem	1(1-0)
ES-720	Seminar	1(1-0)
ES-721	Carbon Dynamics and Climate Change	2(2-0)
ES-722	Water and Air Contamination	3(2-1)
ES-723	Agrochemicals and Environment	3(3-0)
ES-724	Occupational Safety and Health	3(2-1)
ES-725	Soil Contamination and Remediation	3(3-0)
ES-726	Environmental Applications of GIS and Remote Sensing	3(2-1)
ES-727	Biofortification and Global Health	2(2-0)
ES-728	Solid Waste Management	2(2-0)
ES-729	Treatment and Management of Wastewater	3(3-0)
ES-730	Climate Change and Environmental Sustainability	2(2-0)
ES-731	Soil Ecology	3(3-0)
ES-734	Environmental Application of Nanomaterials	2(2-0)
ES-735	Sustainable Development Goals (SDGS): Challenges and Prospects	2(2-0)
ES-736	Environmental Risk Assessment and Management	2(2-0)
ES-732	Environmental Impacts and Implications	3(3-0)
ES-733	Environmental Laws and Policies	2(2-0)
CLIMATE CHANGE		
CC-701	Research planning, scientific writing and presentation	2(2-0)
CC-702	Climate change impact assessment	3(2-1)
CC-703	Climate change mitigation and adaptation strategies	3(2-1)
CC-704	Critical readings in climate change	2(1-1)
CC-705	Aquaculture and climate change	3(2-1)
CC-706	Public health in changing climate	3(2-1)
CC-707	Climate change and livestock	3(2-1)
CC-708	Disaster management under climate change	2(2-0)
CC-719	Special problem	1(1-0)
CC-720	Seminar	1(1-0)
CC-721	Carbon dynamics and climate change	2(2-0)
CC-730	Climate change and environmental sustainability	2(2-0)
SEED SCIENCE AND TECHNOLOGY		
Biochem-700	Introduction To Biochemistry	3(3-0)
STAT-701	Experimental Statistics	3(3-0)
SST-701	Hybrid Seed Production	3(2-1)

Course No.	Title of the Course	Credit hours
SST-702	Advances in Seed Science	3(3-0)
SST-703	Seed Legislation and Certification	3(3-0)
SST-704	Seed Health Management	3(2-1)
SST-705	Seed Processing Technologies	3(2-1)
SST-706	Seed Business Management	3(3-0)
SST-707	Nursery Management in Horticultural Crops	3(2-1)
SST-708	Seed Production of Industrial Crops	3(2-1)
SST-709	Vegetable and Flower Seed Production	3(2-1)
SST-710	Biostatistics in Seed Research	3(2-1)
SST-711	Bio-fortification in Staple Crops	3(2-1)
SST-712	Sustainable Seed Systems	3(2-1)
SST-713	Seed Biotechnology	3(3-0)
SST-719	Special Problem	1(0-1)
SST-720	Seminar	1(1-0)

FACULTY OF SOCIAL SCIENCES

AGRI. ECONOMICS

ARE-701	Microeconomics	3(3-0)
ARE-702	Macroeconomics	3(3-0)
ARE-703	Econometrics	3(3-0)
ARE-721	Advances in Economic Theory, Analysis and Practice	3(3-0)
AE-701	Advanced Topics in Mathematical / Linear Programming	3(2-1)
AE-702	Food and Agricultural Policy	3(3-0)
AE-703	Project Planning and Management	3(3-0)
AE-704	Agricultural Growth and Poverty	3(3-0)
AE-705	Agricultural Pricing Analysis	3(3-0)
AE-706	Political Economy of Agriculture	3(3-0)
AE-707	Farm Planning and Management	3(3-0)
AE-708	Economics of Food Systems	3(3-0)
AE-709	Water Law, Policy, and Institutions	3(3-0)
AE-710	Agricultural Law and Governance	3(3-0)
AE-711	Advanced Agricultural Lending	3(3-0)
AE-712	International Economics	3(3-0)
AE-713	Spatial Economics	3(3-0)
AE-714	Production Economics	3(3-0)
AE-715	Economics of Livestock Production	3(3-0)
AE-716	Economics of Animal Health	3(3-0)
AE-717	Advances in Agricultural Policy Analysis	3(3-0)
AE-719	Special Problem	1(1-0)
AE-720	Seminar	1(1-0)

ENVIRONMENTAL AND RESOURCE ECONOMICS

ERE-701	Economics of Land and Water Resources	3(3-0)
ERE-702	Economics of Environmental Governance and Policy	3(3-0)
ERE-703	Resource Economics	3(3-0)
ERE-704	Valuation of Environmental Resources	3(3-0)
ERE-705	Economics of Climate Change and Policy Issues	3(3-0)
ERE-706	Energy, Environment and Resources	3(3-0)
ERE-707	Benefit-Cost Analysis and Natural Resource Management	3(3-0)
ERE-708	Environment, Population, and Agriculture	3(3-0)

Course No.	Title of the Course	Credit hours
ERE-709	Ecological Economics and Policy	3(3-0)
ERE-710	Environment and Trade	3(3-0)
ERE-711	Forest Economics	3(3-0)
ERE-712	Strategy and Game Theory	3(3-0)
ERE-713	Environmental Risk Management	3(3-0)
ERE-714	Development and Environment in the Anthropocene	3(3-0)
ERE-715	Economics of Incentives and Institutions	3(3-0)
ERE-716	Biodiversity and Conservation	3(3-0)
ERE-717	Water Pollution Management	3(3-0)
ERE-719	Special Problem	1(1-0)
ERE-720	Seminar	1(1-0)
DEVELOPMENT ECONOMICS		
DE-701	Development Economics	3(3-0)
DE-702	Rural and Regional Development: Issues and Policies	3(3-0)
DE-703	Growth, Development and Human Resources	3(3-0)
DE-704	Economics of Development Planning and Growth	3(3-0)
DE-705	Islamic Economics and Development	3(3-0)
DE-706	Public Finance	3(3-0)
DE-707	Developmental Project Planning and Appraisal	3(3-0)
DE-708	Political Economy and Economic Development	3(3-0)
DE-709	Economics of Institutions and Reforms	3(3-0)
DE-710	Monetary Economics	3(3-0)
DE-711	Managerial Economics	3(3-0)

Course No.	Title of the Course	Credit hours
DE-712	Cooperatives: Theory and Practice	3(3-0)
DE-713	Welfare Economics	3(3-0)
DE-714	Urban Economics	3(3-0)
DE-715	Labor Economics	3(3-0)
DE-716	Health Economics	3(3-0)
DE-717	Economics of Outdoor Recreation	3(3-0)
DE-718	Real Estate Appraisal	3(3-0)
DE-719	Special Problem	1(1-0)
DE-720	Seminar	1(1-0)
DE-721	Transport Economics	3(3-0)
DE-722	History of Economic Thought	3(3-0)
DE-723	Digitalization and Development	3(3-0)
ECONOMICS		
Econ-701	Issues in Development Economics	3(3-0)
Econ-702	Topics in Environmental and Natural Resource Economics	3(3-0)
Econ-703	Topics in Experimental Economics	3(3-0)
Econ-704	Topics in Islamic Economics	3(3-0)
Econ-705	Topics in Labor Economics	3(3-0)
Econ-706	Topics in International Economics	3(3-0)
Econ-707	Globalization and Economics Integration	3(3-0)
Econ-708	Monetary Economics	3(3-0)
Econ-709	The Economics of Climate Change	3(3-0)
Econ-710	Public Sector Economics	3(3-0)
Econ-711	Topics in Economics of Happiness and Wellbeing	3(3-0)
Econ-712	Issues in Health Economics	3(3-0)

Course No.	Title of the Course	Credit hours
Econ-713	Topics in Financial Economics	3(3-0)
Econ-714	Research Methodology in Economics	3(3-0)
Econ-715	Structural Equation Modelling	3(3-0)
Econ-716	Real Analysis	3(3-0)
Econ-717	General Equilibrium and Welfare Economics	3(3-0)
Econ-718	Urban Economics	3(3-0)
Econ-719	Special Problem	1(1-0)
Econ-720	Seminar	1(1-0)
Econ-721	Divine Economics Framework	3(3-0)
AGRI. EXTENSION (DEF. COURSES FOR PhD)		
AEE-501	Communication	3(2-1)
AEE-503	Psychology of Adult Leering	4(4-0)
AEE-504	Programme Development in Agri. Extension	4(4-0)
AEE-505	History and Philosophy of Agri. Extension	4(4-0)
AEE-506	Administration and Supervision	4(4-0)
AEE-601	Rural Development	4(3-1)
AEE-605	Evaluation of Agri. Extension Programmes	3(2-1)
AEE-607	Introduction to Research Methodology in Agri. Extension	4(3-2)
AGRON-502	Farming Systems and Farm Accounts	3(2-1)
AGRON-504	Agri. Technology of Major Field Crops	4(3-1)
Ent-607	Insecticides and their application	4(3-1)
AGRI. EXTENSION		
Ext-701	Adult and Continuing Education	3(2-1)
Ext-702	Project Development and Program Planning	3(2-1)
Ext-703	Supervised Field Experience	3(1-2)

Course No.	Title of the Course	Credit hours
Ext-704	Monitoring and Evaluation of Extension Programs	3(2-1)
Ext-705	Extension Communication Strategies	3(2-1)
Ext-706	Communication for Development	3(3-0)
Ext-707	Scientific and Technical Writing	3(2-1)
Ext-708	Agricultural Journalism and Media Management	3(2-1)
Ext-709	Gender Mainstreaming in Agriculture	3(3-0)
Ext-710	Community Development through Extension Education	3(3-0)
Ext-711	International Agricultural Extension Systems	3(3-0)
Ext-712	Development of Educational Training Programs	3(2-1)
Ext-713	Sustainable Rural Livelihood	3(3-0)
Ext-714	Extension Administration and Management	3(3-0)
Ext-715	Interviewing	3(2-1)
Ext-716	Positivistic Research in Extension Education	3(2-1)
Ext-717	Qualitative Research Methods	3(2-1)
Ext-718	Participatory Approaches to Agricultural Extension & Rural Development	3(2-1)
Ext-719	Special Problem	1(1-0)
Ext-720	Seminar	1(1-0)
Ext-721	Market-Led Agricultural Extension and Entrepreneurship	3(2-1)
RURAL SOCIOLOGY		
RS-701	Methods of Sociological Inquiry	3(2-1)
RS-702	Communication of Research	3(2-1)

Course No.	Title of the Course	Credit hours
RS-703	Sociological Theories: Classical & Contemporary	3(3-0)
RS-704	Theories and Concepts in Rural Sociology	3(3-0)
RS-705	Diffusion of Innovations	3(2-1)
RS-706	Rural Community Development in Theory & Practice	3(2-1)
RS-707	Gender in Agriculture & Rural Development	3(2-1)
RS-708	Sociology of Agriculture & Food System	3(3-0)
RS-709	Environmental Sociology	3(2-1)
RS-710	Rural Livelihoods & Agrarian Transformation	3(2-1)
RS-711	Rural Development Planning	3(2-1)
RS-719	Special Problem	1(1-0)
RS-720	Seminar	1(1-0)
SOCIOLOGY		
SOC-701	Advanced Research Methods in Social Sciences	3(2-1)
SOC-702	Principles of Sociology (compulsory for non-sociology background students)	3(3-0)
SOC-703	Sociological Theories	3(3-0)
SOC-704	Applied Social Psychology	3(2-1)
SOC-705	Industrial Sociology	3(2-1)
SOC-706	Gender and Development	3(3-0)
SOC-707	Social Policy	3(3-0)
SOC-708	Population Dynamics	3(2-1)
SOC-709	Crime, Media and Culture	3(2-1)
SOC-710	Sociology of Development	3(3-0)
SOC-719	Special Problem	1(1-0)
SOC-720	Seminar	1(1-0)
SOC-721	Social and Religious Perspectives	3(3-0)
GENDER STUDIES		
	Core Courses	
GS-701	Issues and Trends in Gender Studies	3(3-0)
GS-702	Perspectives in Feminist Theories	3(3-0)
GS-703	Methods of Inquiry In Gender Studies	3(2-1)
GS-704	Gender and Development	3(3-0)
	Optional Courses	
GS-705	Gender, Power, Leadership and the Workplace	3(3-0)
GS-706	Socio-cultural and Religious Perspectives of Women in South Asia and Pakistan	3(2-1)
GS-707	Gender, Human Rights and Law	3(2-1)
GS-708	Gender in Policy Planning	3(2-1)
GS-709	Gender and Environment	3(2-1)
GS-710	Women Entrepreneurship	3(2-1)
GS-711	Gender and Media	3(2-1)
GS-719	Special Problem	1(1-0)
GS-720	Seminar	1(1-0)
RURAL DEVELOPMENT		
RD-701	Natural Resource Management for Rural Development (new course)	3(3-0)
RD-702	Theories and Approaches of Rural Development	3(3-0)
RD-703	Structure and Issues of Rural Economy	3(3-0)
RD-704	Program Planning for Rural Development	3(2-1)
RD-705	Human Capital and Rural Development	3(3-0)

Course No.	Title of the Course	Credit hours
RD-706	Rural Policies, Institutions and Governance	3(3-0)
RD-707	Rural Markets and Infrastructure	3(3-0)
RD-708	Rural Development Challenges in the Contemporary World	3(3-0)
RD-709	Rural Finance	3(3-0)
RD-710	Rural Poverty Alleviation	3(3-0)
RD-711	Sustainable Rural Development	3(3-0)
RD-712	Climate Change and Disaster (new course)	3(3-0)
RD-713	Globalization and Rural Development	3(3-0)
RD-714	NGOs Management (new course)	3(3-0)
RD-715	Agricultural and Rural Development in Pakistan	3(3-0)
RD-716	Futurology and Rural Transformation	3(2-1)
RD-717	Environmental Management and Rural Tourism	3(3-0)
RD-719	Special Problem	1(1-0)
RD-720	Seminar	1(1-0)
EDUCATION		
Edu-701	Philosophical and Historical Perspectives of Education	3(3-0)
Edu-702	Research Methods in Education	3(3-0)
Edu-703	Human Development and Learning	3(3-0)
Edu-704	Total Quality Management in Education	3(3-0)
Edu-705	Educational Leadership and Management	3(3-0)
Edu-706	Measurement and Evaluation in Education	3(2-1)
Edu-707	Future Trends in Education	3(3-0)
Edu-708	Information, Communication and Instructional Technology	3(2-1)
Edu-709	Teacher Training	3(2-1)
Edu-710	Special Education	3(3-0)
Edu-711	Advances in Inclusive Education	3(3-0)
Edu-712	Instructional Technology and Allied strategies	3(3-0)
Edu-713	Adult Education	3(3-0)
Edu-714	Advances in School Management	3(3-0)
EDU-715	Theoretical Perspectives on Education	3(3-0)
EDU-716	Contemporary Trends and Issues in Education	3(3-0)
Edu-719	Special Problem	1(1-0)
Edu-720	Seminar	1(1-0)
BUSINESS MANAGEMENT SCIENCES		
BMS-701	Agribusiness Management	3(3-0)
BMS-702	Business Accounting	3(3-0)
BMS-703	Information Technology in Business	3(2-1)
BMS-704	Marketing Management	3(3-0)
BMS-705	Managerial Finance	3(3-0)
BMS-706	Strategic Management	3(3-0)
BMS-707	Managerial Economics	3(3-0)
BMS-708	Science of People in Organizations	3(3-0)
BMS-709	Managerial Accounting	3(3-0)
BMS-710	Business Research Methodology	3(2-1)
BMS-711	Strategic Marketing	3(3-0)
BMS-712	Strategic Finance	3(2-1)

Course No.	Title of the Course	Credit hours
BMS-713	Innovation and Entrepreneurship	3(3-0)
BMS-714	Globalization and Trade Developments	3(3-0)
FIELDS OF SPECIALIZATION		
(i) FINANCE		
FIN-701	International Financial Management	3(3-0)
FIN-702	Contemporary Financial Reporting and Analysis	3(2-1)
FIN-703	Applied Corporate Finance	3(3-0)
FIN-704	Security Analysis and Portfolio Management	3(3-0)
FIN-705	Financial Econometrics	3(2-1)
FIN-706	Behavioral Finance	3(3-0)
FIN-707	Public Finance	3(3-0)
FIN-708	Financial Risk Management	3(3-0)
FIN-719	Special Problem	1(1-0)
FIN-720	Seminar	1(1-0)
FIN-721	Research Project	3(0-3)
(ii) MARKETING		
MKT-701	Global Marketing	3(3-0)
MKT-702	Retail and Channel Management	3(3-0)
MKT-703	Digital Marketing	3(2-1)
MKT-704	Services Marketing	3(3-0)
MKT-705	Supply Chain Management	3(3-0)
MKT-706	Integrated Marketing Communication	3(3-0)
MKT-707	Consumer Behavior	3(3-0)
MKT-708	Business to Business Marketing	3(3-0)
MKT-719	Special Problem	1(1-0)
MKT-720	Seminar	1(1-0)
MKT-721	Research Project	3(0-3)
(iii) HUMAN RESOURCES MANAGEMENT		
HRM-701	Strategic Human Resource Management	3(3-0)
HRM-702	Leadership and Interpersonal Dynamics	3(3-0)
HRM-703	Managing Change and Transformation	3(3-0)
HRM-704	Motivation and Incentives	3(3-0)
HRM-705	Staffing and Talent Management	3(3-0)
HRM-706	Leading The Future of Work	3(3-0)
HRM-707	Negotiation and Conflict Management	3(3-0)
HRM-719	Special Problem	1(1-0)
HRM-720	Seminar	1(1-0)
HRM-721	Research Project	3(0-3)
(iv) MANAGEMENT INFORMATION SYSTEMS		
MIS-701	Business Database Technology	3(2-1)
MIS-702	Wireless, Mobile, and Multimedia Networking	3(2-1)
MIS-703	Expert System and Applied Artificial Intelligence	3(2-1)
MIS-704	Business Systems Analysis and Design	3(2-1)
MIS-705	IT Project Management	3(2-1)
MIS-706	Management Information systems	3(2-1)
MIS-719	Special Problem	1(1-0)
MIS-720	Seminar	1(1-0)
MIS-721	Research Project	3(0-3)
(v) AGRIBUSINESS MANAGEMENT		
ABM-701	Agricultural Marketing and Price Analysis	3(3-0)

Course No.	Title of the Course	Credit hours
ABM-702	Agribusiness Wholesaling and Retailing	3(3-0)
ABM-703	International Agricultural Trade	3(3-0)
ABM-704	Food Safety and Quality Management	3(3-0)
ABM-705	Value Chain Management and Analysis	3(3-0)
ABM-706	Branding in Agribusiness	3(3-0)
ABM-707	Agribusiness Laws and Governance	3(3-0)
ABM-708	Agribusiness Services Management	3(3-0)
ABM-709	Agribusiness Policy and Political Economy	3(3-0)
ABM-710	Food System Dynamics and Contemporary Challenges	3(3-0)
ABM-711	Advances in Agribusiness Marketing	3(3-0)
ABM-719	Special Problem	1(1-0)
ABM-720	Seminar	1(1-0)
ABM-721	Research Project	3(0-3)

FACULTY OF AGRI. ENGINEERING AND TECHNOLOGY

FIBRE AND TEXTILE TECHNOLOGY

TT-701	Cotton Fibre Technology	3(2-1)
TT-702	Recent Advances and Quality Management In Spinning	3(2-1)
TT-703	Advances In Textile Wet Processing	3(3-0)
TT-704	Apparel Manufacturing Technologies	3(2-1)
TT-705	Technical Textile Manufacturing Technologies	3(3-0)
TT-706	Assembling of Technical Textiles	3(3-0)
TT-707	Environmental Impacts and Remediation of Textile Effluents	3 (2-1)
TT-708	Sustainable Textiles	3 (2-1)

Course No.	Title of the Course	Credit hours
TT-709	Mechanics of Fibrous Assemblies	3(2-1)
TT-710	Color Measurement and Matching in Textile Industry	3(2-1)
TT-711	Clothing Comfort	3(3-0)
TT-712	Textile Fibre Reinforced Composites	3(3-0)
TT-719	Special Problem	1(1-0)
TT-720	Seminar	1(1-0)
Deficiency Courses		
TT-601	Textile Raw Materials	3(2-1)
TT-602	Yarn Spinning	3(3-0)
TT-603	Textile Wet Processing	3(3-0)
TT-604	Textile Fabric Manufacturing	3(3-0)
TT-605	Apparel Manufacturing	3(3-0)
TT-606	Physical Testing of Textiles	3(2-1)
FARM MACHINERY AND POWER		
FMP-701	Advanced Power and Machinery	3(2-1)
FMP-702	Precision Agriculture	3(2-1)
FMP-703	Tillage and Traction Dynamics	3(2-1)
FMP-704	Harvesting Machinery	3(2-1)
FMP-705	Instrumentation and Machine Automation	3(2-1)
FMP-706	Artificial Intelligence in Engineering Systems	3(2-1)
FMP-707	Theory of Manufacturing Processes	3(2-1)
FMP-708	Hydraulic Control Systems	3(2-1)
FMP-709	Operations Research	3(2-1)
FMP-710	Farm Machinery and Environment	3(2-1)
FMP-711	Computer Modeling of Engineering Systems	3(2-1)

Course No.	Title of the Course	Credit hours
FMP-712	Post-harvest Engineering	3(2-1)
FMP-713	Mechanization for Crop Production	3(2-1)
FMP-714	Product Design and Development	3(2-1)
FMP-715	Renewable Energy Engineering	3(2-1)
FMP-719	Special Problem	1(1-0)
FMP-720	Seminar	1(1-0)
WATER RESOURCE ENGINEERING		
ID-701	Computational Methods in Water Resources Engineering	3(3-0)
ID-702	Advanced Open Channel Hydraulics	3(2-1)
ID-703	Advanced Hydrology	3(2-1)
ID-704	Groundwater Hydrological Processes and Modeling	3(2-1)
ID-705	Dams and Reservoir Engineering	3(3-0)
ID-706	Drainage Systems Engineering	3(2-1)
ID-707	Resource Conservation Engineering	3(3-0)
ID-708	Modeling and Design of Irrigation Systems	3(2-1)
ID-709	Irrigation Scheduling	3(2-1)
ID-710	Integrated Flood Management	3(2-1)
ID-711	Planning and Design of Hydropower Projects	3(2-1)
ID-712	Remote Sensing and GIS for Water Resources Management	3(2-1)
ID-713	Design of Hydraulic Structures	3(3-0)
SEE-708/ID-714	Water Quality Modeling and Management	3(2-1)
ID-715	River Engineering	3(3-0)
ID-716	Water Resources Management	3(3-0)
ID-717	Climate Change and Water Resources	3(2-1)
ID-718	Watershed Management	3(2-1)
ID-719	Special Problem	1(1-0)
ID-720	Seminar	1(1-0)
ENERGY SYSTEMS ENGINEERING		
ESE-701	Energy Audit and Management	3(2-1)
ESE-702	Solar Thermal Engineering and Storage Techniques	3(2-1)
ESE-703	Bio Energy Engineering	3(2-1)
ESE-704	Hybrid Power Sources	3(2-1)
ESE-705	Hydro Power Engineering	3(2-1)
ESE-706	Wind Energy Engineering	3(2-1)
ESE-707	Materials for Energy Storage	3(2-1)
ESE-708	Refrigeration And air Conditioning	3(2-1)
ESE-709	Power Electronics For Energy Conversion	3(2-1)
ESE-710	Electrical Power Transmission and Distribution	3(2-1)
ESE-711	Energy Systems Modelling and Simulation	3(2-1)
ESE-712	Coal Processing Technologies	3(2-1)
ESE-713	Fluid Flow and Heat Transfer in Industrial Applications	3(2-1)
ESE-714	Hydrogen Technologies and Fuel Cells	3(2-1)
ESE-715	Research Methods and Project Management	3(3-0)
ESE-716	Photovoltaic Systems	3(2-1)

Course No.	Title of the Course	Credit hours
ESE-717	Biofuels Engineering	3(2-1)
ESE-719	Special Problem	1(1-0)
ESE-720	Seminar	1(1-0)
STRUCTURES AND ENVIRONMENTAL ENGINEERING		
SEE-701	Physico-Chemical Processes in Water Treatment	3(2-1)
SEE-702	Hazardous Waste Management	3(2-1)
SEE-703	Modeling of Environmental Systems	3 (2-1)
SEE-704	Public Health Engineering	3(3-0)
SEE-705	Land Surveying	3(2-1)
SEE-706	Environmental Control in Farm Structures	3(3-0)
SEE-707	Environmental Management and Impact Assessment	3(3-0)
SEE-708/ID-714	Water Quality Management and Modeling	3(2-1)
SEE-709	Advances in Wastewater Engineering	3(2-1)
SEE-710	Contaminated Site Assessment and Remediation Technologies	3(3-0)
SEE-711	Farm Waste Disposal Systems	3(2-1)
SEE-712	Energy and Environment	3(2-1)
SEE-713	Micro Plastics in Water and Wastewater	3(2-1)
SEE-714	Advanced Air and Noise Pollution Control	3(2-1)
SEE-715	Advances in Agricultural Pollution Control Technologies	3(3-0)
SEE-716	Sustainable Nanotechnology	3(2-1)
SEE-717	Environmental pollution and climate Change	3(2-1)
SEE-718	Geo Informatics in Environmental Engineering	3(2-1)

Course No.	Title of the Course	Credit hours
SEE-719	Special Problem	1(1-0)
SEE-720	Seminar	1(1-0)
FOOD ENGINEERING		
FE-701	Predictive Modeling in Food Engineering	3(2-1)
FE–702	Bioprocess Engineering	3(2-1)
FE–703	Sustainability in Food Process Engineering	3(2-1)
FE–704	Food Structure Engineering	3(3-0)
FE–705	Automation and Process Control	3(2-1)
FE–706	Biopolymer Engineering	3(3-0)
FE–707	Food Physics	3(2-1)
FE–708	Applied Food Engineering	3(2-1)
FE–709	Engineering Simulation of Food Machinery	3(1-2)
FE–710	Heating, Ventilation and Air Conditioning Engineering	3(2-1)
FE–711	Transfer Phenomena in Food Process Engineering	3(2-1)
FE–712	Food Powders Engineering	3(2-1)
FE-713	Non-Invasive Sensing Techniques for Food Analysis	3(2-1)
FE-714	Sugar Manufacturing Engineering	3(2-1)
FE-715	Industrial Dairy Engineering	3(2-1)
FE-719	Special Problem	1(1-0)
FE-720	Seminar	1(1-0)

FACULTY OF FOOD NUTRITION AND HOME SCIENCES

FOOD TECHNOLOGY

FST-701	Advances in Food Biotechnology	3(2-1)

Course No.	Title of the Course	Credit hours
FST-702	Food Additives	3(2-1)
FST-703	Food Enzymology	3(2-1)
FST-704	Physical Properties of Foods	3(2-1)
FST-705/ HORT-710	Advances in Postharvest Science and Technology	3(2-1)
FST-706	Milling of Grains	3(2-1)
FST-707	Baking Science and Technology	3(2-1)
FST-708	Recent Advances in Food Science and Technology	3(3-0)
FST-709	Food Carbohydrates Chemistry and Technology	3(3-0)
FST-710	Processing of Milk and Milk Products	3(2-1)
FST-711	Advances in Food Packaging	3(2-1)
FST-712	Advances in Food Microbiology	3(2-1)
FST-713	Advanced Food Chemistry	3(2-1)
FST-714	Food Industrial Waste Management	3(2-1)
FST-715	Chemistry and Processing of Edible Fats & Oils	3(2-1)
FST-716	Advanced Beverage Technology	3(2-1)
FST-717	Advances in Meat Products Technology	3(2-1)
FST-718/ HND-718	Advances in Sustainable Food Systems	3(3-0)
FST-719	Special Problem	1(1-0)
FST-720	Seminar	1(1-0)
FST-721	Food Quality Assurance Management	3(3-0)
FOOD SAFETY AND QUALITY MANAGEMENT		
FSQM-701	Food Safety and Quality	3(2-1)
FSQM-702	Food Quality Management	3(3-0)
FSQM-703	Food Safety and Quality Control Systems	3(2-1)
FSQM-704	Food Toxicology	3(3-0)
FSQM-705	Food Laws and Regulations	3(3-0)
FSQM-706	Integrated Food Safety and Public Health	3(2-1)
FSQM-707	Hygiene and Food Plant Sanitation	3(3-0)
FSQM-708	Food Auditing and Inspections	3(3-0)
FSQM-709	Food Labeling	3(3-0)
FSQM-710	Food Traceability and Authenticity	3(2-1)
FSQM-711	Safe Handling of Foods	3(3-0)
FSQM-712	Preharvest and Postharvest Food Safety	3(3-0)
FSQM-713	Food Supply Chain Management	3(3-0)
FSQM-719	Special Problem	1(1-0)
FSQM-720	Seminar	1(1-0)
HUMAN NUTRITION AND DIETETICS		
HND-701/FN-706	Maternal and Child Nutrition	3(3-0)
HND-702	Nutrigenomics and Proteomics	3(2-1)
HND-703/FN-703	Clinical Nutrition and Dietetics	3(1 -2)
HND-704	Complementary Nutrition for Health Promotion	3(2-1)
HND-705/ PHYSIO-704	Physiology of Digestion and Metabolism	3(2-1)
HND-706/ PHYSIO-713	Molecular Physiology and Immunology of Nutrition	3(2-1)
HND-707/FN-710	Recent Advances in Nutrition and Dietetics	3(3-0)
HND-708	Food and Nutritional Security: Policy to Practice	3(3-0)
HND-709	Sports and Exercise Nutrition	3(2-1)
HND-710	Applied Dietetics	3(2-1)

Course No.	Title of the Course	Credit hours
HND-711	Social and Behavioral Aspects of Public Health	3(3-0)
HND-712	Pediatric and Geriatric Nutrition	3(3-0)
HND-713	Professional Dietetics Practices	3(3-0)
HND-714	Public Health Nutrition	3(2-1)
HND-715	Nutritional Epidemiology & Research Methods	3(2-1)
HND-716	International Nutrition	3(3-0)
HND-717/ Micro-709	Public Health Microbiology	3(2-1)
HND-718/ FST-718	Advances in Sustainable Food Systems	3(3-0)
HND-719	Special Problem	1(1-0)
HND-720	Seminar	1(1-0)
FOOD SERVICE MANAGEMENT		
FSM-701	Food Service Operations	3(2-1)
FSM-702	Food and Beverage Management	3(2-1)
FSM-703	Culinary Arts and Kitchen Management	3(2-1)
FSM-704	Hotel Management	3(2-1))
FSM-705	Nutrition and Food Services	3(2-1)
FSM-706	Trends and Challenges in Food Service Industry	3(3-0)
FSM-707	Human Resource Management in Food Service Industry	3(3-0)
FSM-708	Consumer Behavior and Business Communication	3(3-0)
FSM-709	Food and Beverage Marketing	3(3-0)
FSM-710	Food Entrepreneurship	3(2-1)
FSM-711	Catering Science	3(2-1)
FSM-712	Communication Fundamentals in Hospitality Sector	3(2-1)
FSM-719	Special Problem	1(1-0)
FSM-720	Seminar	1(1-0)
DAIRY TECHNOLOGY		
DT-701	Milk Production	3(2-1)
DT-702	Dairy Chemistry	3(2-1)
DT-703	Technology of Fluid Milk Products	3(2-1)
DT-704	Concentrated and Dried Milk Products	3(2-1)
DT-705	Fermented Milk Products	3(2-1)
DT-706	Cheese Technology	3(2-1)
DT-707	Dairy Starters	3(2-1)
DT-708	Dairy Quality Management Systems	3(3-0)
DT-709	Sensory Evaluation of Dairy Products	3(2-1)
DT-710	Innovations in Dairy Technology	3(3-0)
DT-711	Dairy Products Packaging	3(2-1)
DT-719	Special Problem	1(1-0)
DT-720	Seminar	1(1-0)
FOOD AND NUTRITION		
FN-701	Dietary Implications of Food Commodities	3(3-0)
FN-702	Nutrition Through Lifespan	3(3-0)
FN-703/HND-703	Clinical Nutrition and Dietetics	3(1-2)
FN-704	Nutrition and Human Metabolism	3(3-0)
FN-705a	Cellular and Molecular Nutrition	3(2-1)
FN-706/HND-701	Maternal and Child Nutrition	3(3-0)

Course No.	Title of the Course	Credit hours
FN-707	Advance Clinical Practices in Nutrition	3(2-1)
FN-708/	Nutrition Education and Counseling	3(2-1)
FN-709	Analytical Techniques in Nutrition	3(0-3)
FN-710/HND-707	Recent Advances in Nutrition and Dietetics	3(3-0)
FN-711	Dietetics and Nutritional Science	3(2-1)
FN-712	Research Methods in Food and Nutrition	3(3-0)
FN-713	Nutrition and Immunology	3(3-0)
FN-714	Food and Nutrition Policy	3(3-0)
FN-715	Functional Foods, Dietary Supplements and Human Health	3(3-0)
FN-716	Sensory Evaluation of Food	3(2-1)
FN-719	Special Problem	1(1-0)
FN-720	Seminar	1(1-0)
HUMAN DEVELOPMENT AND FAMILY STUDIES		
HDFS-701	Theoretical Perspectives of Human Development	3(3-0)
HDFS-702	Research Methods in Human Development and Family Studies	3(3-0)
HDFS-703	Early Childhood Education Programs and Guidance	3(2-1)
HDFS-704	Neurodegenerative Diseases: Foundations, Tools and Perspectives	3(2-1)
HDFS-705	Mind, Brain and Behavior Management	3(2-1)
HDFS-706	Day Care Management and Administration of Child Care Education Program	3(2-1)
HDFS-707	Special Children and Rehabilitation	3(2-1)
HDFS-708	Family Models and Therapies	3(3-0)

Course No.	Title of the Course	Credit hours
HDFS-709	Parenting in a Digital World: Opportunities and Challenges	3(3-0)
HDFS-710	Behavioral Neurosciences	3(2-1)
HDFS-711	Cultural Anthropology and Human Studies	3(3-0)
HDFS-712	Nutrition Education and Counseling	3(2-1)
HDFS-713	Abnormal Psychology	3(2-1)
HDFS-714	Psychological Assessment	3(3-0)
HDFS-715	Counseling in Human Services	3(2-1)
HDFS-719	Special Problem	1(1-0)
HDFS-720	Seminar	1(1-0)
CLOTHING AND TEXTILE		
TC-701	Draping	3(1-2)
TC-702	Textile Chemistry	3(2-1)
TC-703	Experimental Textiles	3(2-1)
TC-704	Graphics in Textile Design	3(1-2)
TC-705	Genesis of Textile Concepts	3(2-1)
TC-706	Entrepreneurship in Textiles	3(2-1)
TC-707	Structural Textile Designing	3(1-2)
TC-708	Textile Finishing	3(2-1)
TC-709	Sustainable Textiles	3(2-1)
TC-710	Fashion Apparel	3(2-1)
TC-711	Fashion Illustrations	3(1-2)
TC-712	Research Methods in Clothing and Textile	3(3-0)
TC-719	Special Problem	1(1-0)
TC-720	Seminar	1(1-0)

Course No.	Title of the Course	Credit hours
FACULTY OF ANIMAL HUSBANDRY		
ANIMAL BREEDING AND GENETICS		
ABG-701	Advances in Animal Genetics	3(2-1)
ABG-702	Population and Quantitative Genetics	3(2-1)
ABG-703	Principles of Animal Breeding	3(2-1)
ABG-704	Applied Animal Breeding	3(2-1)
ABG-705	Advances in Animal Breeding	3(3-0)
ABG-706	Statistics for Animal Sciences	3(2-1)
ABG-707	Genetics of Reproduction in Farm Animals	3(3-0)
ABG-708	Genetic Evaluation Techniques	3(0-3)
ABG-709	Poultry Genetics and Breeding	3(2-1)
ABG-710	Fish Genetics and Breeding	3(3-0)
ABG-711	Animal Genomics	3(2-1)
ABG-712	Bioinformatics for Animal Sciences	3(2-1)
ABG-719	Special Problem	1(1-0)
ABG-720	Seminar	1(1-0)
LIVESTOCK MANAGEMENT		
LM-701	Dairy Production	3(2-1)
LM-702	Milk Secretion and Lactation	3(2-1)
LM-703	Meat Production	3(2-1)
LM-704	Animal Growth and Adaptation	3(3-0)
LM-705	Sheep and Goat Production	3(2-1)
LM-706	Behavior of Domestic Animals	3(2-1)
LM-707	Range Livestock Management	3(2-1)
LM-708	Draught Animal Management	3(2-1)
LM-709	Trends and Potential of Milk and Meat Production	3(3-0)
LM-710	Managing Livestock under Stress Conditions	3(2-1)
LM-711	Livestock Enterprises for Rural Development	3(2-1)
LM-712	Advances in Livestock Management	3(3-0)
LM-713	Livestock Entrepreneurship	3(3-0)
LM-719	Special Problem	1(1-0)
LM-720	Seminar	1(1-0)
POULTRY SCIENCE		
PSci-701	Poultry Production	3(2-1)
PSci-702	Hatchery Operation and Management	3(2-1)
PSci-703	Poultry Housing and Environment	3(2-1)
PSci-704	Poultry Feeding Management	3(2-1)
PSci-705	Egg and Egg Products	3(2-1)
PSci-706	Poultry Meat and Meat Products	3(2-1)
PSci-707	Poultry Health and Hygiene	3(2-1)
PSci-708	Modern Poultry Production	3(2-1)
PSci-709	Avian Production Physiology in Tropics	3(2-1)
PSci-710	Avian Embryology	3(2-1)
PSci-711	Advances in Poultry Science	3(3-0)
PSci-712	Poultry Farming Practices with New Species	3(2-1)
PSci-713	Organic Poultry Farming	3(2-1)
PSci-714	Poultry Entrepreneurship	3(3-0)
PSci-719	Special Problem	1(1-0)
PSci-720	Seminar	1(1-0)

Course No.	Title of the Course	Credit hours
ANIMAL NUTRITION		
AN-701	Physiology and Biochemistry of Nutrition	3(3-0)
AN-702	Feed Resources and their Nutritive Value	3(2-1)
AN-703	Energy Metabolism	3(2-1)
AN-704	Protein Metabolism	3(2-1)
AN-705	Minerals in Nutrition	3(2-1)
AN-706	Vitamins in Nutrition	3(2-1)
AN-707	Analytical Techniques in Nutrition	3(0-3)
AN-708	Research Methods in Animal Nutrition	3(2-1)
AN-709	Nutrition of Dairy and Beef Animals	3(2-1)
AN-710	Nutrition of Small Ruminants	3(2-1)
AN-711	Avian Nutrition	3(2-1)
AN-712	Camel and Equine Nutrition	3(2-1)
AN-713	Pet Nutrition	3(2-1)
AN-714	Animal Feed Industry	3(2-1)
AN-715	Advances in Animal Nutrition	2(2-0)
AN-719	Special Problem	1(1-0)
AN-720	Seminar	1(1-0)

FACULTY OF VETERINARY SCIENCE

ANATOMY

ANAT-701	Histological And Histochemical Techniques	3(0-3)
ANAT-702	Advanced Histology (General)	3(2-1)
ANAT-703	Advanced Histology (Systemic)	3(2-1)
ANAT-704	Comparative Anatomy of Endocrine Glands	3(2-1)
ANAT-705	Surgical Anatomy	3(1-2)
ANAT-706	Neuro Anatomy	3(2-1)
ANAT-707	Mammalian Embryology	3(2-1)
ANAT-708	Anatomy of the Reproductive System	3(2-1)
ANAT-709	Experimental Embryology	3(0-3)
ANAT-710	Techniques in Electron Microscopy	3(1-2)
ANAT-711	Biological Ultrastructure	3(2-1)
ANAT-712	Anatomy And Histology of The Camel	3(2-1)
ANAT-713	Anatomy, Histology and Embryology Of Fowl	3(2-1)
ANAT-719	Special Problem	1(1-0)
ANAT-720	Seminar	1(1-0)

CLINICAL MEDICINE AND SURGERY

SURG-701	Advances In Small Animal Surgery	3(1-2)
SURG-702	Advances In Orthopedic Surgery	3(2-1)
SURG-703	Advances In Large Animal Surgery	3(1-2)
MED-705	Clinical Laboratory Aids in Diagnosis	3(1-2)
MED-706	Veterinary Emergency and Critical Care	2(1-1)
MED-707	Advances In Equine and Camel Medicine	3(2-1)
MED-709	Advanced Veterinary Clinical Practice	3(0-3)
MED-711	Advances In Veterinary Preventive Medicine	3(2-1)
MED-712	Veterinary Clinical Immunology	3(2-1)
MED-713	Zoo And Wildlife Medicine	3(2-1)
MED-714	Veterinary Medicine and Human Health	3(2-1)
MED-716	Advances In Dairy Herd Health	3(2-1)
MED-717	Clinical Case Report Writing	1(0-1)
MED-718	Cage and Aviary Medicine	3(2-1)

Course No.	Title of the Course	Credit hours
MED-719	Special Problem	1(1-0)
MED-720	Seminar	1(1-0)
SURG-721	Veterinary Diagnostic Imaging (With Theriogenology)	3(1-2)
SURG-722	Advances in Veterinary Anesthesia and Analgesia	3(1-2)
MICROBIOLOGY		
MICRO-701	Advanced Virology	3(2-1)
MICRO-702	Advanced Bacteriology and Mycology	3(2-1)
MICRO-703	Applied Immunology and Vaccinology	3(2-1)
MICRO-704	Infectious Diseases and One Health	3(2-1)
MICRO-705	Microbial Physiology and Virulence	3(2-1)
MICRO-706	Recent Techniques in Cell Culture	3(1-2)
MICRO-707	Microbiological And Molecular Biology Techniques	3(1-2)
MICRO-708	Techniques in Dairy Microbiology	3(2-1)
MICRO-709	Public Health Microbiology	3(2-1)
MICRO-710	Industrial and Environmental Microbiology	3(2-1)
MICRO-711	Microbial Genomics and Proteomics	3(2-1)
MICRO-712	Applications of Microbiology	3(2-1)
MICRO-713	Biosafety and Biohazard Management	2(2-0)
MICRO-714	Special Topics in Microbiology	1(1-0)
MICRO-719	Special Problem	1(1-0)
MICRO-720	Seminar	1(1-0)
PARASITOLOGY		
PARA-701	Parasites of Dairy and Meat Animals	3(2-1)

Course No.	Title of the Course	Credit hours
PARA-702	Avian Parasitology	3(2-1)
PARA-703	Aquatic Parasitology	3(2-1)
PARA-704	Parasites of Companion Animals	3(2-1)
PARA-705	Zoo and Wildlife Parasitology	3(2-1)
PARA-706	Alternate Parasite Control Approaches	3(2-1)
PARA-707	Medical Protozoology and Helminthology	3(2-1)
PARA-708	Arthropods and Human Health	3(2-1)
PARA-709	Diagnostic Parasitology	3(0-3)
PARA-710	Ecology of Parasites	3(2-1)
PARA-711	Chemotherapy of Parasitic Diseases	3(2-1)
PARA-712	Physiology of Parasites	3(3-0)
PARA-713	Host-Parasite Interactions	3(3-0)
PARA-714	Molecular Parasitology	3(1-2)
PARA-715	Cultivation of Parasites	3(1-2)
PARA-716	Special Topics in Parasitology	2(0-2)
PARA-719	Special Problem	1(1-0)
PARA-720	Seminar	1(1-0)
PATHOLOGY		
PATH-701	Molecular Pathology	3(2-1)
PATH-702	Clinical Diagnostic Pathology	3(0-3)
PATH-703	Necropsy Practice and Disease Investigation	3(1-2)
PATH-704	Forensic Pathology	3(2-1)
PATH-705	Oncology	3(2-1)
PATH-706	Molecular Mechanisms and Pathology of Avian Diseases	3(2-1)
PATH-707	Pathology of Intoxications	3(2-1)

Course No.	Title of the Course	Credit hours
PATH-708	Pet and Wildlife Pathology	3(2-1)
PATH-709	Equine and Camel Pathology	3(2-1)
PATH-710	Ruminant Pathology	3(2-1)
PATH-711	Avian Metabolic Diseases and Nutritional Disorders	3(2-1)
PATH-712	Avian Diagnostic Pathology and Clinical Practice	3(1-2)
PATH-713	Immunopathology	3(2-1)
PATH-719	Special Problem	1(1-0)
PATH-720	Seminar	1(1-0)
PATH-721	Research Planning and Scientific Writing	1(0-1)
PHARMACOLOGY		
PHARM-701	Advances in Pharmacology	3(3-0)
PHARM-702	Chemotherapy	3(3-0)
PHRAM-703	Pharmacology of Biotechnological Drugs	3(3-0)
PHARM-704	Pharmacokinetics	3(2-1)
PHARM-705	Pharmaceutics	3(2-1)
PHARM-706	Pharmacology of Central Nervous System	3(3-0)
PHARM-707	Pharmacology of Autonomic Nervous System	3(2-1)
PHARM-708	Renal and Reproductive Pharmacology	3(3-0)
PHARM-709	Pharmacotherapy	3(3-0)
PHARM-710	Toxicokinetcs and Toxicodynamics	3(2-1)
PHARM-711	Systemic Toxicology	3(2-1)
PHARM-712	Biochemical Pharmacology	3(2-1)
PHARM-713	Pharmacology of Autacoids and Nsaids	3(2-1)
PHARM-714	Pharmacology of Indigenous Medicinal Plants	3(1-2)
PHARM-719	Special Problem	1(1-0)
PHARM-720	Seminar	1(1-0)
PHYSIOLOGY		
PHYSIO-701/HND-702	Nutrigenomics And Proteomics	3(2-1)
PHYSIO-702	Cardiopulmonary Physiology	3(3-0)
PHYSIO-703	Neuromuscular Physiology	3(3-0)
PHYSIO-704/HND-705	Physiology of Digestion and Metabolism	3(2-1)
PHYSIO-705	Endocrinology	3(3-0)
PHYSIO-706	Evolutionary Physiology	3(3-0)
PHYSIO-707	Stress Physiology	3(3-0)
PHYSIO-708	Cell Physiology	3(3-0)
PHYSIO-709	Physiological Techniques	3(0-3)
PHYSIO-710	Regulation of Body Fluids and Homeostasis	3(3-0)
PHYSIO-711	Physiology of Regeneration	3(3-0)
PHYSIO-712	Comparative Physiology	3(3-0)
PHYSIO-713/HND-706	Molecular Physiology and Immunology of Nutrition	3(2-1)
PHYSIO-719	Special Problem	1(1-0)
PHYSIO-720	Seminar	1(1-0)
THERIOGENOLOGY		
THERIO-701	Population Theriogenology	3(2-1)
THERIO-702	Artificial Insemination	3(2-1)
THERIO-703	Veterinary Gynecology	3(2-1)
THERIO-704	Veterinary Andrology	3(2-1)

Course No.	Title of the Course	Credit hours
THERIO-705	Veterinary Semenology	3(1-2)
THERIO-706	Advanced Theriogenology Clinic	3(0-3)
THERIO-707	Infertility and Abortions	3(2-1)
THERIO-708	Equine Theriogenology	3(2-1)
THERIO-709	Small Animal Theriogenology	3(2-1)
THERIO-710	Embryo Transfer	3(2-1)
THERIO-711	Veterinary Diagnostic Imaging	3(1-2)
THERIO-712	Camel Reproduction	2(1-1)
THERIO-713	Avian Reproduction	3(2-1)
THERIO-714	Advanced Reproductive Biotechnology	3(3-0)
THERIO-715	Clinical Research Methodology	1(0-1)
THERIO-716	Endocrinology	3(3-0)
THERIO-717	Critical Analysis of Theriogenology Literature	1(0-1)
THERIO-719	Special Problem	1(1-0)
THERIO-720	Seminar	1(1-0)
EPIDEMIOLOGY AND PUBLIC HEALTH		
EPH-701	Public Health Epidemiology	3(3-0)
EPH-702	Participatory and Spatial Epidemiology	3(2-1)
EPH-703	Public Health Principles, Practices and Evaluation	3(2-1)
EPH-704	Sociology and Public Health	3(3-0)
EPH-705	Epidemiological Disease Modelling and Software Applications	3(2-1)
EPH-706	Toxico-Pathology and Public Health	3(2-1)
EPH-707	Molecular Epidemiology	3(2-1)
EPH-708	Disease Investigation and Control	3(2-1)
EPH-709	Reproductive Health Management	3(3-0)
EPH-710	Disaster Preparedness and Management	2(2-0)
EPH-711	Public Health Nutrition and Safety	2(2-0)
EPH-712	Health Promotion	3(3-0)
EPH-713	Public Health Economics and Policy	3(3-0)
EPH-714	Research Methods and Ethics In Biomedical Sciences	1(0-1)
EPH-715	Community Health and Medicine	3(3-0)
EPH-719	Special Problem	1(1-0)
EPH-720	Seminar	1(1-0)

FACULTY OF SCIENCES

CHEMISTRY

CHEM-701	Nanochemistry and Nanomaterials	2(2-0)
CHEM-702	Advanced Chromatographic Techniques	2(2-0)
CHEM-703	Advanced Molecular Spectroscopy skills	3(3-0)
CHEM-704	Scientific Research and Writing	2(2-0)
CHEM-705	Advanced Reaction Dynamics	3(3-0)
CHEM-706	Biophysical Chemistry	3(3-0)
CHEM-707	Physical Chemistry of Polymers and Composites	3(3-0)
CHEM-708	Special Topics in Physical Chemistry	3(3-0)
CHEM-709	Pericyclic Reactions	3(3-0)
CHEM-710	Theoretical and Computational chemistry	3(2-1)
CHEM-711	Chemistry of Dyes and Pigments	3(3-0)
CHEM-712	Recent Advances in Organic Chemistry	3(3-0)
CHEM-713	Environmental Analytical Chemistry	3(2-1)

Course No.	Title of the Course	Credit hours
CHEM-714	Advanced Techniques in Analytical Chemistry	3(3-0)
CHEM-715	Organo-Transition Metal Chemistry	3(3-0)
CHEM-716	Inorganic Materials Chemistry	3(3-0)
CHEM-717	Advanced Radiation and Photochemistry	3(3-0)
CHEM-718	Pharmaceutical Chemistry	3(3-0)
CHEM-719	Special Problem	1(1-0)
CHEM-720	Seminar	1(1-0)
CHEM-721	Recent Trends in Analytical Chemistry	2(2-0)
CHEM-722	Modern Inorganic Chemistry	2(2-0)
CHEM-723	Advanced Functional Materials	3(3-0)
BIOCHEMISTRY		
BIOCHEM-700	Concepts of Biochemistry (Compulsory Minor) for M.Phil/M.Sc (Hons)	3(3-0)
BIOCHEM-701	Advanced Plant Biochemistry	3(3-0)
BIOCHEM-702	Biochemical Regulators	2(2-0)
BIOCHEM-703	Recombinant DNA Technology and Gene Manipulation	3(2-1)
BIOCHEM-704	Blood and Immunochemistry	3(3-0)
BIOCHEM-705	Advanced Biochemical Techniques	3(1-2)
BIOCHEM-706	Bioenergetics	2(2-0)
BIOCHEM-707	Medical Biochemistry	2(2-0)
BIOCHEM-708	Gene Regulation and Expression	2(2-0)
BIOCHEM-709	Biochemistry of Drugs and Their Resistance	3(2-1)
BIOCHEM-710	Biochemistry of Control Systems	2(2-0)
BIOCHEM-711	Advanced Fermentation Biotechnology	3(1-2)
BIOCHEM-712	Cellular Biochemistry	3(2-1)
BIOCHEM-719	Special Problem	1(1-0)
BIOCHEM-720	Seminar	1(1-0)
BOTANY		
BOT-701	Water Relations of Plants	3(2-1)
BOT-702	Plant Developmental Biology	3(2-1)
BOT-703	Economic Botany	3(2-1)
BOT-704	Radiation Biology	3(2-1)
BOT-705	Conservation Biology	3(2-1)
BOT-706	Nanobiology	3(2-1)
BOT-707	Evolutionary Biology	3(2-1)
BOT-708	Plant Functional Histology	3(3-0)
BOT-709	Neurobiology and Signaling in Plants	3(3-0)
BOT-710	Applied Ecophysiology	3(2-1)
BOT-711	Species Distribution Modeling	3(2-1)
BOT-712	Advanced Cell Biology	3(2-1)
BOT -719	Special Problem	1(1-0)
BOT -720	Seminar	1(1-0)
MATHEMATICS		
MATH-701	Introduction to Measure Theory	3(3-0)
MATH-702	Bayesian Inference and Decision Theory	3(3-0)
MATH-703	Operations Research	3(3-0)
MATH-704	Generalized Special Functions	3(3-0)
MATH-705	Integral Equations	3(3-0)
MATH-706	Advanced Functional Analysis	3(3-0)
MATH-707	Non-linear partial differential equations	3(3-0)

Course No.	Title of the Course	Credit hours
MATH-708	Non-Newtonian Fluid Mechanics	3(3-0)
MATH-709	Fractional Calculus	3(3-0)
MATH-710	Lie algebra	3(3-0)
MATH-711	Advanced Numerical Analysis	3(3-0)
MATH-712	Advanced Operations Research	3(3-0)
MATH-713	Applied Mathematical Modeling	3(3-0)
MATH-714	Special Functions and Orthogonal Polynomials	3(3-0)
MATH-715	Scientific presentations and research projects in computational sciences	3(2-1)
MATH-716	LIE ALGEBRA AND SINGULARITY THEORY	3 (3-0)
MATH-717	PERTURBATION METHODS	3 (3-0)
MATH-718	VISCOUS FLUID FLOW	3(3-0)
MATH-719	Special Problem	1(1-0)
MATH-720	Seminar	1(1-0)
MATH-721	Advanced Mathematical Physics	3 (3-0)
MATH-722	Theory of Bounded Linear Operators in L^P Spaces	3(3-0)
STATISTICS		
STAT-700	Elementary Statistics	3(3-0)
STAT-701	Experimental Statistics	3(3-0)
STAT-702	Statistical Methods for Business Management	3(2-1)
STAT-703	Design and Analysis of Experiments for Researchers	3(2-1)
STAT-704	Statistical Methods for Social Sciences	3(3-0)
STAT-705	Advanced Design of Experiments	3(3-0)

Course No.	Title of the Course	Credit hours
STAT-706	Advanced Multivariate Techniques	3(3-0)
STAT-707	Advanced Linear Model	3(3-0)
STAT-708	Analysis of Categorical Data	3(3-0)
STAT-709	Advanced Probability Theory	3(3-0)
STAT-710	Analysis of Time Series Data	3(2-1)
STAT-711	Statistical Computing and Data Analysis	3(1-2)
STAT-712	Theory of Experimental Design	3(3-0)
STAT-713	Theory of Multivariate Analysis	3(3-0)
STAT-714	Bootstrapping for Mixture Distributions	3(2-1)
STAT-715	Advanced Statistical Inference	3(3-0)
STAT-716	Environmental and Industrial Statistics	3(2-1)
STAT-717	Scientific Presentations and Research Projects in Computational Sciences	3(2-1)
STAT-718	Statistical Methods for the Arts and Humanities	3(2-1)
STAT-719	Special Problem	1(1-0)
STAT-720	Seminar	1(1-0)
PHYSICS		
PY-701	Atomic Spectroscopy	3(3-0)
PY-702	Advanced Quantum Mechanics	3(3-0)
PY-703	Electrodynamics	3(3-0)
PY-704	Methods of Mathematical Physics	3(3-0)
PY-705	Laser Physics	3(3-0)
PY-706	Methods and Techniques of Experimental Physics	3(3-0)
PY-707	Advanced Solid-State Physics	3(3-0)

Course No.	Title of the Course	Credit hours
PY-708	Materials Science	3(3-0)
PY-709	Atomic and Optical Physics	3(3-0)
PY-710	Applied Laser Spectroscopy	3(3-0)
PY-711	Instrumentation and Advanced Analytical Techniques	3(3-0)
PY-712	Electromagnetic Wave Propagation	3(3-0)
PY-713	High Frequency Electromagnetic Techniques	3(3-0)
PY-714	Magnetic Materials	3(3-0)
PY-715	Advances in Optoelectronic Devices	3(3-0)
PY-716	Recent Trends in Plasma Physics	3(3-0)
PY-719	Special Problem	1(1-0)
PY-720	Seminar	1(1-0)
ZOOLOGY		
ZOOL-701	Modern Approaches in Ornithology	3(2-1)
ZOOL-702	Advanced Mammalogy	3(2-1)
ZOOL-703	Fisheries Management	3(2-1)
ZOOL-704	Advances in Vertebrate Pest Management	3(2-1)
ZOOL-705	Aquaculture	3(2-1)
ZOOL-706	Fish Nutrition	3(2-1)
ZOOL-707	Aquaculture Biotechnology	3(2-1)
ZOOL-708	Principles of Toxicokinetics in Fishes	3(2-1)
ZOOL-709	Molecular Ecology	3(2-1)
ZOOL-710	Capturing and Handling Methods of Wildlife	3(2-1)
ZOOL-711	Wildlife Behaviour	3(2-1)
ZOOL-712	Fish Processing	3(2-1)
ZOOL-713	Fish Disease Management	3(2-1)
ZOOL -719	Special Problem	1(1-0)
ZOOL -720	Seminar	1(1-0)
COMPUTER SCIENCE		
CS-701	Advanced Theory of Computation	3(2-1)
CS-702	Advanced Algorithm Analysis	3(2-1)
CS-703	Advanced Operating Systems	3(2-1)
CS-704	Advanced Computer Architecture	3(2-1)
CS-705	Advanced Computer Networks	3(2-1)
CS-706	Wireless Security	3(2-1)
CS-707	Wireless and Mobile Networks	3(2-1)
CS-708	Advanced Computer Vision	3(2-1)
CS-709	Deep Learning	3(2-1)
CS-710	Natural Language Processing and Recent Trends	3(2-1)
CS-711	Soft Computing and Optimization	4(3-1)
CS-712	Big Data and Knowledge Management	3(2-1)
CS-713	Expert Systems	3(2-1)
CS-714	Advanced Machine Learning	3(2-1)
CS-715	Intelligent Systems and Pattern Recognition	3(2-1)
CS-716	Latest Trends in Internet of things	3(2-1)
CS-717	Digital Image Processing and its Applications	3(2-1)
CS-718	Recent advances in Cloud Computing	3(2-1)
CS -719	Special Problem	1(1-0)
CS -720	Seminar	1(1-0)
CS-721	Cyber Security	3(2-1)

Course No.	Title of the Course	Credit hours
CS-722	Dynamics of Data Science	3(2-1)
CS-723	Programming languages	3(2-1)
CS-724	Advanced programming	3(2-1)
Software Engineering		
SE-701	Software Quality Assurance	3(2-1)
SE-702	Requirement Engineering	3(2-1)
SE-703	Advanced Algorithm Analysis	3(2-1)
SE-704	Software Design and Architecture	3(2-1)
SE-705	Recent Trends in Cloud Computing	3(2-1)
SE-706	Component Based Software Engineering	3(2-1)
SE-707	Software Measurement and Metrics	3(2-1)
SE-708	Big Data and Knowledge Management	3(2-1)
SE-709	Expert Systems	3(2-1)
SE-710	Natural Language Processing and Recent Trends	3(2-1)
SE-711	Computational Intelligence and Optimization	4(3-1)
SE-712	Advanced Machine Learning	3(2-1)
SE-713	Design of Intelligent Systems	3(2-1)
SE-714	Research Methods and Scientific Writing	4(3-1)
SE-715	Cyber Security	3(2-1)
SE-716	Dynamics of Data Science	3(2-1)
SE-717	Information and Communication Technologies	3(2-1)
SE-718	Data Base Management Systems	3(2-1)
SE-719	Special Problem	1(1-0)
SE-720	Seminar	1(1-0)
BIOINFORMATICS		
BINFO-701	Advanced Bioinformatics	3(2-1)
BINFO-702	Computational Drug Design	3(2-1)
BINFO-703	Advanced Data Mining	3(2-1)
BINFO-704	Advanced Machine Learning in Bioinformatics	3(2-1)
BINFO-705	Advanced Genome Informatics	3(2-1)
BINFO-706	Advanced Protein Informatics	3(2-1)
BINFO-707	Molecular Modelling and Simulation	3(2-1)
BINFO-708	Computational Molecular Evolution	3(2-1)
BINFO-709	Metagenomics	3(3-0)
BINFO-719	Special Problem	1(1-0)
BINFO-720	Seminar	1(1-0)
Compulsory Minor Courses		
Stat-701	Experimental Statistics	3(3-0)
Biochem-700	Concepts of Biochemistry	3(2-1)
Deficiency Courses		
BINFO-401	Introduction to Bioinformatics	3(2-1)
BINFO-404	Bioinformatics Methods	3(2-1)
BINFO-601	Bioinformatics Software Development	3(2-1)
BINFO-609	Bioinformatics Big Data	3(3-0)
ENGLISH (LINGUISTICS)		
ELNG-701	Advanced Research Methods In English Studies	3(3-0)
ELNG-702	English Syntax	3(3-0)

Course No.	Title of the Course	Credit hours
ELNG-703	Sociolinguistics	3(3-0)
ELNG-704	Second Language Acquisition	3(3-0)
ELNG-705	Introduction To Morphology	3(3-0)
ELNG-706	Psycholinguistics	3(3-0)
ELNG-707	Semantics And Pragmatics	3(3-0)
ELNG-708	Theoretical Perspectives In English Studies	3(3-0)
ELNG -709	Phonetics And Phonology	3(3-0)
ELNG-710	Language And Technology In Digital Age	3(3-0)
ELNG-711	Language Corpus Studies	3(3-0)
ELNG-712	Language Testing And Evaluation	3(3-0)
ENGLISH (LiTERATURE)		
ELIT-701	Theoretical Perspectives in English Studies	3(3-0)
ELIT-702	Advanced Research Methods in English Studies	3(3-0)
ELIT-703	Introduction to Literary Studies	3(3-0)
ELIT-704	Poetry: 14th to 19th Century	3(3-0)
ELIT-705	Classical Drama	3(3-0)
ELIT-706	Non-Fiction	3(3-0)
ELIT-707	Novel: 18th & 19th Century	3(3-0)
ELIT-708	Introduction to Literary Movements	3(3-0)
ELIT-709	Contemporary Postcolonial Studies	3(3-0)
ELIT-710	Pakistani Literature in English	3(3-0)
ELIT- 711	South Asian Writings	3(3-0)

Course No.	Title of the Course	Credit hours
ELIT- 712	Women's Narratives in Literature	3(3-0)
ELIT- 719	Special Problem	1(1-0)
ELIT- 720	Seminar	1(1-0)
ISLAMIC STUDIES		
IS-701	Advance Research Methodology	3(3-0)
IS-702	Ijtihad: History, Principles and Methods	3(3-0)
IS-703	Quranic Sciences	3(3-0)
IS-704	Orientalism: Critical Study(Specialization Specific)	3(3-0)
IS-705	Hadith Sciences	3(3-0)
IS-706	Uloom-ul-Fiqh	3(3-0)
IS-707	Contemporary Challenges and Islam	3(3-0)
IS-708	Applied Study of Selected English Text	3(3-0)
IS-719	Special problem	1(1-0)
IS-720	Seminar	1(1-0)
IS-727	Fehm-e-Quran-I	1(0-1)
IS-728	Fehm-e-Quran-II	1(0-1)
IS-729	Fehm-e-Quran-I	1(0-1)
IS-730	Fehm-e-Quran-II	1(0-1)
PS-727	Religion and Ethics (For non Muslim)	1(0-1)
PS-728	Science and Ethics (For non Muslim)	1(0-1)
PS-729	Theories of Ethics (For non Muslim)	1(0-1)
PS-730	Comperative Religions (For non Muslim)	1(0-1)

DECLARATION

I hereby declare that the contents of the thesis, "title of thesis" are product of my own research and no part has been copied from any published source (except the references, standard mathematical or genetic models/ equations/ formulate/protocols etc.). I further declare that this work has not been submitted

for award of any other diploma/degree. The University may take action if the information provided is found incorrect at any stage".

Signature
(Name and Registration No.)

DECLARATION (RESEARCH TRIAL)

I hereby declare that the research trial conducted during my MSc/PhD thesis research was discussed in the meeting of the respective BoS and Trial Planning Committee, held on _____ and _____, respectively, under which this research was planned. Furthermore, all activities have been documented in the logbook maintained by the trial conducting and monitoring committee. I further declare that this research has not been submitted for award of any other diploma/ degree. The University of Agriculture, Faisalabad may take action if the information provided is found incorrect at any stage.

Signature : _____

Name of the student : _____

Registration No. : _____

Degree Program : _____

AFFIDAVIT

DECLARATION TO BE SUBMITTED ON A JUDICIAL PAPER AT THE TIME OF ENROLLMENT IN THE OFFICE OF DIRECTOR GRADUATE STUDIES, UNIVERSITY OF AGRICULTURE, FAISALABAD.

1. On admission to the privilege of being a student I shall undertake to abide by the following:

1.1 that during my stay in the University I shall diligently apply myself to acquire and develop and skills necessary for the practice and advancement of the field of study in which I am enrolled;

1.2 I shall participate fully and whole heartedly in sports, games, extra-curricular activities as would be compatible with my physical traits and mental aptitude;

1.3 I shall have minimum attendance of 75% in order to qualify in the examination;

1.4 that I shall maintain identity as student of the University by wearing of the gown and / or badge as may be prescribed by the University;

1.5 that I shall never use violence or threat of violence or pressure, and in any dispute with others all means and methods shall only be logic, persuasion, petition, appeal, revision, review and other legal and peaceful methods for the settlement of differences and disputes;

1.6 that in case of a dispute, if any, with fellow students or teachers or employees of the University, I shall accept the judgment of the authorities constituted by the University for decision or settlement of the wrong doers;

1.7 that I shall abide by all provision of the statutes, regulations and rules enforce in the University or the statutes, regulation and rules as may hereafter be framed by the appropriate authorities of the University.

1.8 I shall not carry with me any objectionable material in the examination hall and shall volunteer to be searched, if necessary before entering examination hall;

2. Further, I undertake to refrain from:

2.1 doing anything which may cause injury or insult to Head of the Institution, teachers, officers and other staff of the institution.

2.2 holding a gathering or meeting of taking out processions in any part of University Campus other than areas specified for the purpose;

2.3 indulge in any kind of unfair means, malpractice in examination and coercion by any means.

2.4 allowing or abetting the entry to the premises of University of expelled students, anti-social elements or other groups presence of whom on the campus shall cause conflict amongst the students.

2.5 bringing into the campus, consuming or encouraging consumption of alcoholic products, drugs and narcotics, and indulging in acts or moral turpitude;

2.6 bring or keeping any type of weapons within the University premises;

2.7 using or occupying any room or part of any building of the institution without lawful authority;

2.8 misuse and damaging any University property, including building, equipment's vehicles, etc. in any manner;

2.9 form all such acts and deeds as might bring discharge and bad name of the University.

2.10 Breach all such acts and deeds as might bring discharge and bad name of the University.

2.11 in case I am admitted provisionally to Ph.D. in Zoology, Botany, Chemistry and Biochemistry I will submit a proof of qualifying GRE (Subject) test otherwise my admission will stand canceled automatically.

Signature of Father/Guardian _____ Signature of Applicant_____

No. of National Identity Card of Father / Guardian _____

With place of issus _____

Dated _____ Dated _____

AFFIDAVIT-UNDERTAKING

a. I, Mr/Miss CNIC No. Son/daughter of Mr.

CNIC No. _____ Resident of (address with UC No.)

_____do hereby declare on oath/solemn at on

that my University Regd. No. is _____ and studying in _____

_____ course/if admitted in the

University as student, will not indulge in "Politics." In case on having been found indulging in "Politics" the findings/decision of the Vice Chancellor, University of Agriculture, Faisalabad (Head of Institution) shall be final and not be questioned except only before the Supreme Court of Pakistan. The contents of above
affidavit are true to the best of best of my knowledge and belief and nothing has been concealed.

DEPONENT

b. I, Mr. _____ father/guardian of Mr. /Miss

_____ do hereby declare at _____

on _____ on oath/solemn affirmation to the best of my knowledge and

belief that whatever is declared above by my son/daughter/

deponent is true and the findings/decision of the Vice Chancellor (Head of the Institution) regard

ing indulgence in "Politics" of my son/daughter/deponent will be final and shall not be question

except before the Supreme Court of Pakistan.

DEPONENT

Attested by:

Oath Commissioner/Gazetted Officer/

Respective Nazim Union Council with Official Stamp

Name; _____

Designation: _____

AFFIDAVIT-SPORTS

I, _____

_____Computerized NIC # (copy attached)

son/daughter of _____ resident of _____

_____

do hereby declare on oath/solemn affirmation at on _____

_____ that:-

1. I have been allowed provisional admission to _____ (name of degree program) at the University of Agriculture, Faisalabad/Sub Campus on SPORTS BASIS.
2. After seeking admission, I will attend sports period/join sports events as per schedule notified by the Director Sports in/outside University of Agriculture, Faisalabad/Sub Campus.
3. In case, I failed to attend sports period/join sports events in accordance with the notified schedule, this will be considered as violation of one of the admission conditions. In that case, the Sports Board shall have the right either to impose prescribed fine or recommend to cancel my provisional admission which will depend upon the intensity of violation.
4. In the case of cancellation of admission, I shall accept the decision of the Sports Board and not file any suit/writ before any Court of Law against the said decision.

COUNTERSIGNED _____ DEPONENT _____

(SIGNATURE OF FATHER/GUARDIAN)

CNIC # _____
(Copy attached)

Attested by Oath Commissioner

PERFORMA FOR COURSE WORK PROGRAM (GS/12)
(COURSE WORK FOR MSc(Hons)/MS/M Phil/PhD)

I DEPARTMENT
II NAME OF THE STUDENT
III REGD #
IV DATE OF ADMISSION
V NAME OF THE SUPERVISOR
VI SUPERVISORY COMMITTEE

i) _____ (Chairman)

ii) _____ (Member)

iii) _____ (member)

COURSE WORK

Course No.	Title of the course	Credit hours
a) Major courses		
b) Minor courses		
c) Compulsory minor courses		
d) Deficiency courses		
e) Audit courses		

Chairman/Director/HOD/Incharge
Department/Institute
University of Agriculture, Faisalabad

Dean/Principal
Faculty of ___/UAF Sub Campus_____
University of Agriculture, Faisalabad

Director
Graduate Studies
University of Agriculture, Faisalabad

CHECKLIST
SYNOPSIS PROFORMA FOR
MBA/MSc(Hons.)/MPhil/MS/PhD

Following guidelines/checklist should be completed, signed by the student verified by his/her supervisor and attached with the synopsis for the submission to the office of the Directorate of Graduate Studies for approval. Further check the box with against each observation.

Name of the student_____ Regd. # _____-ag-_____

Degree MBA/MSc(Hons.)/MPhil/MS/PhD Discipline_____

Title of the Synopsis: _____

1	Title of the synopsis given on page one is the same as given on page second	☐
2	The synopsis submitted /written according to prescribed Performa GS/5	☐
3	Abstract (clearly states and includes)	
	i. The objective of the study,	☐
	ii. brief methodology and	☐
	iii. statistical approach/techniques	☐
4	Need for the Project/Introduction (Clearly established and includes)	
	i. The problem/process for which the study is planned	☐
	ii. Is the need for the research be established?	☐
	iii. hypothesis clearly stated (if required)	☐
	iv. Are the objectives of the research (not in the form of general objective, aims and objective, major objective)?	☐
5	Review of literature	
	i. Relevant to the proposed study and properly updated	☐
	ii. Given in the reference list (not missing in bibliography/Literature cited)	☐
	iii. Written in some meaningful sequence (story writing) or arranged in chronological order	☐
	iv. Uniform style (In the text, a reference should be quoted by the author's name and date in parentheses, in date order, e.g. (Ashraf, 1999; Edmondson, 2000) as Hardward reference Style	☐
6	Materials and Methods/Methodology (clearly stated)	☐
	i. Location of the Experiment/Area from data collected is mentioned	☐
	ii. Treatment details are given/husbandry practices are given	☐
	iii. Data collected along with units/Survey data according to survey standards	☐
	iv. Statistical methods/ Lab Techniques (Molecular Biology) or any other are given?	☐
	v. Experimental design/Technique are mentioned	☐
	vi. Treatment comparison test mentioned	☐
	vii. Statistical/analytical reference mentioned	☐
7	References/Literature Cited	☐
	i. Reference in list mentioned in the text	☐
	ii. Names (Spell) and Year of publication same in text	☐
	iii. List is arranged alphabetically	☐
	iv. In the list reference are not duplicated	☐
	v. The abbreviation for Journals are according to the Hardward reference Style	☐
	vi. Reference are written in format of Pakistan Journal of Agriculture Science (PJAS)	☐
8	Miscellaneous	☐
	i. Title of the defended synopsis (For PhD students) is same	☐
	ii. Title of the synopsis is same as given in the synopsis defense letter (For PhD students)	☐
	iii. The supervisory committee given in the synopsis is same as given in the App. course work	☐
9	Signatures The synopsis signed by all the members Dean, Director, Chairman, Supervisor Member of Supervisory Committee Scrutiny Committee and Student	☐
10	QEC Report Status of my synopsis Similarity index is pass	☐

I have written/prepared the synopsis according to the above guideline/check list.

Student (Signature) _____

The claim of the student has checked and verified, that is correct.

Supervisor: (Signature) _____

Remarks of Director Graduate Studies officials _____

Decision of the Director Graduate Studies _____

Director
Graduate Studies,
University of Agriculture, Faisalabad

UNIVERSITY OF AGRICULTURE, FAISALABAD
PERFORMA FOR SYNOPSIS(GS/5)
(SYNOPSIS FOR M Sc/M Phil/PhD)

Page I

Title _____

Name of the Student _____ Registration No. _____

Abstract _____

Page II

I Title

II a) Date of Admission _____
b) Date of Initiation (Research) _____
c) Probable Duration (Research)

III PERSONNEL

a) Name of the student _____
b) Registration Number
c) Supervisory Committee: _____
i) (Supervisor) _____
ii) _____ (Co-Supervisor)
iii) (Member) _____
iv) _____ (Member)

IV. Need for the Project/Introduction _____
v. Review of Literature _____
VI. Materials and Methods/Methodology _____
VII. References/Literature Sited _____

Student _____
(Supervisory Committee)

Name	Signature
a) _____	Supervisor
b) _____	Co-Supervisor
c) _____	Member
d) _____	Member

Forwarded: Chairman / Director,
Department/Institute of _____
Faculty Scrutiny Committee: a)_____ b) _____
c) _____ d) _____
Reviewed and Witnessed: Dean Faculty of _____

Instructions

- All Ph.D Students have to submit their synopsis for their dissertation preferably up to 4th semester
- Abstract of the synopsis should be between 250 to 300 words
- Faculty scrutiny committee Member(s) should be other than supervisory committee Role of the Faculty scrutiny committee

Faculty Member(s) has / have to check:

- Technical aspects of the research
- Scope of the research whether it relates to the field or not
- Addressing the current issues of the practical nature
- The research facilities are available at the campus
- Review of literature is related to the title
- Number of citation should not be less than fifteen
- Synopsis is according to the format (GS-5)

PERFORMA FOR PROGRESS REPORT OF M PHIL/PHD STUDENTS
(GS/13 PART A (to be filled by the student)

Department

1. Name of the student _____ Faculty _____

2. Date of admission _____ Regd. # _____

3. Course work approved _____ No. of semesters completed ___

(Yes/No) Synopsis approved. _____
(Yes/No)

4. Employment Status _____ University/Govt./Private/Others _____

5. Supervisory Committee:
   1. _____ (Chairman)
   2. _____ (Member)
   3. _____ (Member)

6. Progress in course work program (enrolled courses)
   a) No. of credit enrolled._____
   b) No. of credit qualified _____
   c) GPA/CGPA _____

7. Progress in research (given details)
   i) The student has completed the course within the prescribed limit and he did not fail.
   ii) Prescribed time (Date/Month) for completion of the course / program and that the recommended is expected to complete the course /program till that time.

PART B (TO BE FILLED IN BY THE SUPERVISOR)

8. Comments and recommendations of the Supervisor:
   a) The performance in course work program.
   b) Performance in research
   (Time spent and result achieved)

(Signature of the Supervisor)

(Chairman of the Department) (Dean of the Faculty)

CERTIFICATE FOR PhD THESIS APPROVAL (GS-14)

This is to certify that the research work presented in this thesis, entitled

_____

_____

_____

was conducted by _____ under the supervision of

_____

_____

No part of this thesis has been submitted anywhere else for any other degree. This thesis is submitted to the _____

_____

in partial fulfillment of the requirements for the degree of Doctor of Philosophy in field of

_____

_____

_____

Department of _____

University of _____

Student Name: _____ Signature _____

Examination Committee

a) External Examiner 1: Name (Designation & Office Address) Signature _____

_____

_____

b) External Examiner 1: Name (Designation & Office Address) Signature _____

_____

_____

c) External Examiner 1: Name (Designation & Office Address) Signature _____

_____

_____

Supervisor Name: _____ Signature _____

Name of Dean/HOD: _____ Signature _____

REPORT REGARDING THE ACADEMIC AND RESEARCH ACTIVITIES OF PHD SCHOLARS BY Graduate Advisor

Department/Institute_____

Sr #	1. Name of the Scholar 2. Reg. No. 3. Name of the Supervisor	1 Regular/Govt. Employee	2 Academic Session/ Semester	3 Course Work (GS/12) 1st Semester After Mid	4 Synopsis Defence (2nd Seminar) 2nd Semester	5 E-30 1&2	6 Comprehensive Examination (within two years) Written & Oral	7 Synopsis approved (IRSIP training) (Synop. Submitted & approved) 4th Semester	8 Research trials/Experiments Progress?	9 Meetings with Supervisor (Min. 2 per semesters) 1st Just After the start and 2nd Just before termination	10 **Miscellaneous** (Teaching Assistant, E-30, Semifinal Thesis Peer review etc
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											

1 = if Govt. Employee submitted NOC & Study leave, 3 = GS/12 to be submitted within 1st semester and Course work have to complete within one academic year (i.e. Winter+Spring+Summer session), 4= Synopsis defended in 2nd semester, 5= if completed CW, E-30 submitted to appear in Exam. OR E-30 for semifinal thesis, 6 = qualified Comp. Exam. Within 2 years after admission including completion of course work, 7= synopsis submitted within 4th semester, 8= Research has been started or not if not why?, 9 = Graduate advisor will be the observer in the meeting of scholar with supervisor, and each supervisor have to call two collective meetings with PhD scholars under his/her supervision within a semester. 10 = **Miscellaneous,** (Teaching Assistant, E-30, Semifinal, Thesis Peer review) discontinuation of a Semester, rejoining, did not enroll and other guideline)

Remarks of the Graduate Advisor:_____

_____

_____

Signature & Stamp
Graduate Advisor

Signature& Stamp
Director/Chairman

Signature& Stamp
Dean Faculty of _____

Signature& Stamp
Director Graduate Studies

PLAGIARISM UNDERTAKING (GS-15)

I solemny declare that research work presented in the thesis titled

_____

_____

_____

is solely my research work with no significant contribution from any other person. Small contribution/help wherever taken has been duly acknowledged and that complete thesis has been written by me.

I understand the zero tolerance policy of the HEC and University

_____ (Name of University) _____

towards plagiarism. Therefore i as an Author of the above titled thesis declare that no portion of my thesis has been plagiarism and any material used as reference is properly referred/cited.

I undertake that if i am found guilty of any formal plagiarism in the above titles thesis even after award of PhD degree, the university reserves the rights to withdraw/revoke my PhD degree and that HEC and the University has the right to publish my name of the HEC/University Website on which names of students are placed who submitted plagiarized thesis.

Student/Author Signature _____

Name: _____

AUTHOR'S DECLARATION (GS-16)

_____ hereby state that my PhD thesis titled

_____

_____

_____

is my own work and has not been submitted previously by me for taking my degree from this University.

_____ (Name of University) _____

Or anywhere else in the country/world.

At any time if my statement is found to be incorrect even my Graduate the university has the right to withdraw my PhD degree.

Name of Student _____

Date: _____

APPLICATION FOR RE-ADMISSION TO WINTER/SPRING/ SUMMER SEMESTERS (GS-17)

Degree _____

DEPARTMENT _____ FACULTY _____

1. Name of Student. _____Registration Number _____
2. Number of Semesters Completed _____
3. Whether Permitted to Discontinue or Not. _____
4. Reference of Permission _____
5. If discontinue without permission or struck off the rolls give specific reasons for absence
   Give details with documentary evidence _____

SIGNATURE OF THE APPLICANT

6. Comments and recommendations of the Supervisor:_____
   a) Performance in course work program: _____
   b) Performance in Research (Time spent and result achieved): _____
   c) General remarks: _____
   d) Any other remarks: _____

SIGNATURE OF THE SUPERVISOR

7. Remarks of the Chairman of the Department/Director:
8. Remarks of the Dean of the Faculty:

In case the name has been struck off due to absence from classes, the parents/guardian shall have to give a assurance (on personnel appearance) for regular attendance and good conduct of the student in future.

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APPLICATION FOR
DISCONTINUATION OF STUDIES (GS-19)

Degree

DEPARTMENT _____ FACULTY_____

1. Name of Student. _____
2. Registration Number _____
3. Number of Semesters Completed _____
4. Semester for which studies are to be discontinued _____

   _____
5. Specific reasons for discontinuation of studies (give details) _____

SIGNATURE OF THE APPLICANT

Comments and recommendations of the Supervisor: _____

a) Performance in course work program: _____

b) Performance in Research (Time spent and result achieved): _____

c) General remarks: _____

d) Any other remarks: _____

SIGNATURE OF THE SUPERVISOR

Remarks of the Chairman of the Department/Director:
Remarks of the Dean of the Faculty:

Note: The discontinution of studies will be allowed for one semester only.

APPLICATION FOR
RE-JOINING OF STUDIES

UNIVERSITY OF AGRICULTURE, FAISALABAD

Directorate of Advanced Studies

APPLICATION FOR RE-JOINING TO WINTER/SPRING/SUMMER SEMESTERS

M.A/M.Sc./M.Phil./Ph.D.

DEPARTMENT_____ FACULTY _____

1. Name of Student. _____
2. Registration No. _____
3. Number of Semesters Completed _____
4. Whether Permitted to Discontinue or Not. _____
5. Reference of Permission _____
6. If discontinue without permission or struck off the rolls give specific reasons for absence (Give details with documentary evidence):

_____

_____

SIGNATURE OF THE APPLICANT

7. Comments and recommendations of the Supervisor:
   a) Performance in course work programme:
   b) Performance in Research:
   (Time spent and result achieved)
   c) General remarks:
   d) Any other remarks:

SIGNATURE OF THE SUPERVISOR

8. Remarks of the Chairman of the Department:
9. Remarks of the Dean of the Faculty:

In case the name has been struck off due to absence from classes, the parents/guardian shall have to given a assurance (on personnel appearance) for regular attendance and good conduct of the student in future

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OBSERVATION FORM (THESIS SUBMISSION)
FOR STUDENT USE (GS-18)
1-2

(GS-18)

DIRECTORATE OF GRADUATE STUDIES, UAF

Semi-Final Thesis No.	**DGS/**	**E-30 Receiving**	
Date		**Date/Signature**	

OBSERVATION FORM (THESIS SUBMISSION)
FOR STUDENT USE
Observations on MS/MSc(Hons.)/M Phil/MBA/PhD thesis

Mr./Ms./Mrs._____**Regd. No.** _____

Department/Institute of _____ **Faculty of** _____

Approved Title of Research_____

_____

1.	Whether processed through Supervisor/Head of the Department	Yes/No
2.	Title according to the approved Synopsis	Yes/No
3.	Whether submitted on prescribed Book format (A5),	Yes/No
4.	18-year postgraduate degree programs Minimum of 2 research papers	Yes/No
5.	PhD programs: Minimum of 4 research papers	Yes/No
6.	Thesis is written under limit of minimum words	Yes/No
7.	for MS/MPhil/MSc (Hons)/MBA should be of minimum 7500 words	Yes/No
8.	for PhD should be of minimum 15000 words	Yes/No
9.	Thesis is written under prescribed section	Yes/No
10.	TNR font 12ppt, single line spacing, 6 to 8 graph (plates) per page	Yes/No
11.	Reference quoted and cited using Harward reference style	Yes/No
12.	Total number of references quoted in thesis	
13.	References in Introduction	
14.	References in Materials and Methods	
15.	References digested in Discussion	
16.	Literature Cited (Harward reference style)	Complete Incomplete
17.	Table of Contents	Not too detailed
18.	Acknowledgements brief and relevant	Too detailed Yes/No
19.	Tables and their headings are given in Proper formal as prescribed	Yes/No
20.	References given in prescribed form	Yes/No
	FOR OFFICE USE	
21.	Statistical data checked and following observations are recorded	
22.	General Observations	
23.	Final Submission may proceed once instructions have been fulfilled	

DGS Officer's Signature **DGS Officer's Signature**

DIRECTORATE OF GRADUATE STUDIES, UAF
CHECKLIST FOR SUBMISSION OF THESIS

Name of the Student---------- Registration No.----------

Sr.	Descriptions	Yes/No
1	Course work completed (Approved)	Yes/No
2	Enrolled in thesis & Research this semester	Yes/No
3	Declaration by student and his/her Signature	Yes/No
4	Signature of the supervisor/ supervisory Committee (Certificate)	Yes/No
5	Signature of the Co-Supervisor (If any)	Yes/No
6	Signature of the Respective Chairman/Director	Yes/No
7	Signature of the respective Dean	Yes/No
8	Format of the thesis and Title Pages are according to the guidelines	Yes/No
9	Number of page are more than 75	Yes/No
10	Course work approved (if yes mention the date of approval)	Yes/No
11	Synopsis approved (if yes mention the date of approval)	Yes/No
12	E-30 approved (if yes mention the date of approval)	Yes/No
13	Total number of semesters enrolled	No=
14	Semester discontinued (if yes mention the semester discounted)	Yes/No
	(For Ph.D. Students Only)	
15	IRSIP program awarded by HEC	Yes/No
16	Teaching Assistantship completed (Mention the Date/Semester)	Yes/No
17	Synopsis Defended on Date: ----------	Yes/No
18	Thesis Placed for peer review Date: ----------	Yes/No
19	GRE (General/Subject) Qualified Date:----------	Yes/No

Student's Signature

DGS Officer's Signature

Director GS

www.uaf.edu.pk

HEALTH PROFILE FORM
(Postgraduate Students)

Under the relevant regulation No. 1(iii) Candidate has to produce Health Profile Form, at the time of first enrolment, from the Registered Medical professional (RMP)/University Resident Medical Officer to the effect that s/he is free from any communicable (contagious) disease or mental or physical disability which is likely to stand in the way of his/her pursuing chosen field of study.

Part-A	**Basic Medical History (To be filled by the Student)**		
Bio-Data			
Name of Student:		S/D/W/O:	
Age:		Gender:	
UAF Regd. No.:		CNIC #:	
Contact No.:		Email ID:	
Blood Group:		Parent Contact:	
Faculty:		Department:	
Degree:			
Residential Address:			

Part-B	**History (To be filled by the Student and verified by recognized Medical professional (RMP))**
i.	Family History of any medical or psychiatric mental illness
ii.	History of substance abuse in family
iii.	Decreased appetite and loss of weight
iv.	Significant past disease/ illness, surgery, including complications trauma (if any)
v.	Smoking, alcohol or recreational drugs

Part-C	**General physical Examination (to be filled by the paramedical staff)**		
i.	Overall general physical health on appearance		
ii.	Height	iii.	Weight
iv.	Blood pressure	v.	Temperature
vi.	Pulse Rate	vii.	Respiratory Rate
viii.	Any obvious structural abnormality on inspection	ix.	Any superficial cuts, needle marks or burn mark on skin

Part-D	**General mental Health (to be filled by psychiatric)**
1.	General appearance and behaviour specially cell care rapport building understanding of situation and response to the questions and instructions.
2.	General Mental Health (to be filled and authenticated by concerned institution)
i.	The following information is required for general Mental Health
ii.	Past psychiatric history, if any
iii.	A decline in academic performance

iv.	Manifestation of risky behaviour e.g. increased frequency of vehicle accidents, frequent school light, keeping some weapon like knife etc.
v.	Habit of running away bunking routine classes
vi.	History of stealing, late coming in classed, involvement in sexual activities
vii.	Keeping bad company/friends with habits of bullying using drugs or fights
viii.	Decline in other activities of interest/hobbies
ix.	Abrupt change in daily routine
x.	Disbursed sleep-wake cycle/habit of dozing in the classes
xi.	Social media post//other pointers of interest towards substance/drug use e.g. tattoos, stickers on vehicle/books and walls of room etc.
xii.	Increased frequency of mood swings or increased irritability
xiii.	Lack of physical energy and motivation. Easy fatigability
xiv.	Decline in self-care
xv.	Unusual suspiciousness or any other unusual/ unexplainable behaviours
xvi.	Unusual protective behaviours/being over-secretive behaviour regarding personal belongings
xvii	Evidence of keeping of cigarettes/other objects of use, employed in taking drugs, inside his/her personal belongings.
Part-E	**(Is applicable in case of positive initial Risk Assessment)**
i.	**Structured/ Formal Psychological Assessment:** Proceed to this or referral for this only if there is increased in risk of substance use suspected on the basis of above mentioned general health profile
ii.	**Urine drug screening Test:** Employ this for confirmation if formal psychological assessment confirms the suspicion of substance use found in screening by general health profiling. Test facilities through government health facilitated labs or private labs registered with Punjab health care commission. Lis of registered labs is available at www.phc.org.pk.

(Academic Council 04-12-2020)

Senior Medical Officer UAF Recognized Medical Professional Psychiatrist

Health Profile form (postgraduate)

LIST OF INDUSTRLY/ADVANCE COUNTRIES FOR EVALUATION OF PHD THESES
(for all subject unless noted)

Sr. #	Name of country	Sr. #	Name of country	Sr. #	Name of country
1.	Afghanistan[1&7]	18.	Hong Kong	35.	Romania
2.	Australia	19.	Hungry	36.	Russia
3.	Austria	20.	Iceland	37.	Singapore
4.	Belgium	21.	India[2&5]	38.	Slovak Republic[4]
5.	Brunei[2]	22.	Iran[6&7]	39.	Slovenia[4]
6.	Bulgaria	23.	Ireland	40.	South Africa
7.	Canada	24 .	Italy	41.	South Korea
8.	China[3]	25.	Japan	42.	Spain
9.	Croatia[4]	26.	Luxemburg	43.	Sweden
10.	Czech Republic	27.	Malaysia	44.	Switzerland
11.	Denmark	28.	Netherland	45.	Turkey
12.	Estonia[4]	29.	New Zealand	46.	United Kingdom
13.	Finland	30.	Nigeria[2]	47.	United States
14.	France	31.	Norway	48.	All Arab Countries[2]
15.	Germany	32.	Oman[7]		
16.	Georgia[4]	33.	Poland		
17.	Greece	34.	Portugal		

1-Pashto
Urdu
2-Arabic, Islamiat and Islamic Studies
3-Science, Engineering and Technology
4- Mathematics only
5-Brahvi, Punjabi, Saraiki, Sindhi and
6-Persian
7-Balochi

NUMBER OF SEATS RESERVED FOR ADMISSION TO
Postgraduate Degree Programs under Different Categories

Sr. #	Department/Discipline	No. of Seats
Khyber Pakhtunkhwa (KPK)		
1.	(Agriculture Department KPK) (Employee)	06
2.	Livestock & Dairy Development Department, KPK. (Employee)	08
3.	Two seats in each discipline for unemployed Veterinary/Animal Husbandry graduates. However, they will have to bring NOC Khyber Pakhtunkhwa Government and compete on merit.	24
FATA		
1.	MSc (Hons) in any Department of Faculty of Agriculture	06
2.	MPhil in any Department of Faculty of Sciences	08
AZAD Jammu and Kashmir (AJK)		
1.	Department of Agriculture, Veterinary Sciences and Animal Husbandry, Government of Azad Jammu and Kashmir 5 = Agri. 3 = A.H. 3 = Vet. Sci.	11
BALOCHISTAN		
1.	Agriculture Department Balochistan. (Employee)	9
2.	Two seats in each discipline for unemployed Agriculture Graduates. However, they will have to bring the nomination from Baluchistan Government and compete on merit.	22
3.	Livestock and Dairy Department Nominees. (Employee)	21
4.	Two seats in each discipline for unemployed Veterinary/Animal Husbandry Graduates. However, they will have to bring the nomination from Balochistan Government and compete on merit.	48
Gilgit Baltistan		
1.	Northern Area Gilgit Baltistan, However they will have to bring NOC from Gilgit Baltistan Government and compete on merit	08
Sindh		
1.	In all postgraduate degree program	05
Others		
1.	Pakistan Agri. Research Council	Unlimited
2.	In service Military Officers	2 in each discipline
3.	Sons/daughters of Military Personnel	One in each faculty
4.	Agriculture Department, Punjab, Lahore (Res = 10 + Ext. = 5)	15
5.	Livestock & Dairy Dev. Deptt., Punjab Lahore	10
6.	Pakistan Central Cotton Committee	2
7.	NIAB	2
8.	NIBGE	2
9.	Disable persons	2% with a minimum of one seat
10.	Chamber of Commerce	2 MBA
11.	Minorities	2% in each degree
12.	Sports	2%



GRADUATE STUDIES CALENDAR

2025-26

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