



Ph. Off. 041- 9201743
041-9200161-70 Ext. 2107, 2108
Fax No. 041-9200764
E-mail. drg@uaf.edu.pk

UNIVERSITY OF AGRICULTURE, FAISALABAD
(ACADEMIC SECTION)

Dated: 28-02-2024

NOTIFICATION

No.A-5/11-65(Skill Dev.)/8342 The Skill Development Courses (consolidated) form approved by the Statutory Bodies and vetted by the Director, Academics are hereby re-notified for information of all concerned as per detail given below:

Academic Council 24-08-2022(Approved by the Syndicate dated 26-08-2022)

Faculty of Agriculture

Institute of Horticultural Sciences	
Sr#	Course Title
1.	Fruit and Vegetable Quality Assessment
2.	Landscape Management
3.	Mushroom Production
4.	Plant Propagation Techniques
Department of Agronomy	
5.	Herbicide Application in Field Crops
6.	Vermicomposting: Preparation/Handling and Applications
7.	Preparation of Farm Registers
8.	Hay and Silage Making
Department of Forestry & Range Management	
9.	Forestry Nursery Raising Techniques
10.	Forest Fire Damage Assessment and Control
11.	Forest Carbon Assessment
12.	Rangeland Production Assessment
CABB	
13.	Lab Safety and Management
14.	Plant Transformation
15.	GMO's Detection and Analysis
16.	PCR-based Disease Diagnosis
Department of PBG	
17.	Commercial Seed Production
18.	Enhancing Efficiency in Conducting Agronomic and Breeding Trials
19.	Doubled Haploid Production in Field Crops

20.	DUS Learning and Varietal Approval
Department of Plant Pathology	
21.	Fungal Cultures Purification and Preservation Techniques
22.	Seed Health Testing
23.	SPS Compliance in Fresh Produce Supply Chains
24.	Mushroom Cultivation
25.	Biological Management of Root Knot Nematodes (RKN)
Department of Entomology	
26.	Insects / Mites Collection and Preservation
27.	Insecticide Application Equipment: Their Calibration and Maintenance
28.	New Chemistry Insecticides: Toxicity and Safe Use
29.	Post Harvest Cereal, Pulses and Oilseeds / Food Products Protection
Institute of Soil & Environmental Science	
30.	Hydroponics: Basic Concept and Application
31.	Fertilizer Recommendation for Field Crop
32.	Inoculum Preparation and Application
33.	Water Analysis for Irrigation and Report Writing

Academic Council 21-12-2022(Approved by the Syndicate dated 31-12-2022)

CAS	
34.	One Health (Bio-safety)
35.	Molecular Modeling
36.	BioLinux
37.	Molecular Dynamics Simulation
38.	UAV Applications in Agriculture
Faculty of Animal Husbandry	
39.	Dairy Farm Practices
40.	Beef Production Practices
41.	Profitable Goat Production
42.	Skills in Poultry Farming
Skill Oriented Courses Devised by NIFSAT	
43.	Instrumentation in Food Analysis
44.	GMPS for Food Manufacturing Sector
45.	Nutritional Assessment in Different Setting
46.	Small Scale Fruit and Vegetable Processing
47.	Food Service Management
48.	Food and Nutrition Entrepreneurship
Skill Oriented Courses Devised by HIS	
49.	Diet Planning/Menu Planning
50.	Textile Designing and Dyeing
51.	Fashion Designing
52.	Hands-on Training on Mental Wellbeing
53.	Management of Challenging Behavior in Early Childhood
54.	Art and Craft
55.	Ceramics

Academic Council 09-05-2023(Approved by the Syndicate dated 28-05-2023)

Institute of IBMS	
56.	Agribusiness Entrepreneurship
57.	Learning Digital Marketing
58.	Fostering Human Resources Skills
59.	A Financial Statement Analysis

Faculty of Social Sciences	
60.	Outreach Skills in Agriculture
61.	Content Creation for Agricultural Communication
62.	Project Planning and Development
63.	Farm Accounts and Profitability Analysis
64.	Project Management and Evaluation
65.	Data Analytics and Scientific Writing
Faculty of Agri., Engg., and Technology	
Department of Farm Machinery & Power	
66.	Tractor Operator and Farm Machinery Maintenance
67.	Workshop Practices
68.	Manufacturing and Machining Process
69.	Reverse Engineering
Department of Irrigation & Drainage	
70.	High Efficiency Irrigation Systems
71.	Flow Measurement Methods
72.	Pumps and Tubewells
73.	Soil and Water Analysis Techniques
74.	Geospatial Techniques for Agriculture and Water Management
Department of Structures and Environmental Engg.,	
75.	Python for Engineers
76.	AutoCAD 2D, #D Drafting and modeling with Freelancing
77.	“R” for Engineers
Department of Energy Systems Engineering	
78.	Solar Systems: A Foundation Training Course
79.	Biomass to Energy: A Foundation Training Course
80.	MATLAB/SIMULINK Training: An Easy Introduction with Applications
81.	ANSYS Training: An Easy Introduction with Applications
Department of Food Engineering	
82.	Sustainable Food Processing
83.	Data Analysis and Interpretation
84.	Food Oriented Entrepreneurship
85.	Standardization for Food Industry

Department of Fibre and Textile Technology	
86.	Fiber and Yarn Testing
87.	Application of IE in Clothing Industry
88.	Fabric Testing
Faculty of Sciences:	
Department of Bio-Chemistry	
89.	Extraction of Enzymes from Plant Sources
90.	Blood Sampling Techniques
91.	Hyper-expression of Enzymes
92.	PCR and Gel Electrophoresis
93.	CRISPR Mediated Genome Editing
94.	Basic Tools for primer Designing, Testing of primers, and Genetic Diversity
Department of Botany	
95.	Instrumentation and Analysis
96.	Botanical Lab Management
97.	Herbarium Techniques
98.	Plant Phenomics
Department of Chemistry	
99.	Atomic Spectroscopic Techniques
100.	Molecular Spectroscopic Techniques
101.	Separation and Purification Techniques
Department of Computer Science	
102.	Software Design Tools
103.	Programing with Python
104.	MS Excel Training Program
105.	Reference Management Software: A Practical Guide
106.	Freelancing Skills
107.	Bioinformatics Tools and Databases: A Bioinformatician's Toolkit
108.	Enterprise Application Development
109.	Web Designing
110.	Mobile Application Development
Department of Math., and Stat.	
111.	Mathematical Problems using Maple
112.	MATLAB for Computational Problems
113.	Solving Computational Problems using Mathematical
114.	Latex for Scientific documentations
Statistics	
115.	Data Analysis using MS-Excel, Minitab, and SPSS
116.	Data Analysis with Open-Source Software(s)
117.	Analysis of Response Surface Models
118.	Six Sigma using R
Department of Physics	
119.	Mending and repairing electrical items
120.	Electrical Circuits and Devices
121.	Data analysis through Origin software
122.	High Power Devices and Research Tools
Department of Humanities & Linguistics	
123.	Survey Techniques
124.	Competency-based Interview Skills and Techniques
125.	Corpus Tool for Discourse Analysis
126.	Technical Writing-1
127.	Technical Writing-2
128.	English Language Testing Techniques

129.	Evaluation Techniques	
130.	Academic Writing Skills	
Department of Zoology and Fisheries		
131.	Fish Culture Techniques	
132.	Ornamental Fish Farming and Management	
133.	Vertebrate Pest Management	
Faculty of Vety., Science		
134.	Clinical Pathology for Animal Disease Diagnosis	Department of Pathology
135.	Poultry Flock Health Monitoring	
136.	Clinical Hematology	Institute of Physiology and Pharmacology
137.	Pharmaceutical Preparations & Quality Assurance	Department of Pharmacy
138.	Laboratory Diagnosis of Parasitic Infections	Department of Parasitology
139.	Mammalian Cell Culture Techniques	Department of Anatomy
140.	Skeleton Preparation and Preservation Techniques	
141.	Histological and Histo-morphometrical Techniques	
142.	Artificial Insemination in Ruminant	Department of Theriogenology
143.	Microbiological Applications	Institute of Microbiology
Faculty of Agri., Engg., and Technology		
144.	Department of Farm Machinery and Power	
145.	Department of Irrigation and Drainage	
146.	Department of Structures and Environmental Engineering	
147.	Department of Energy Systems Engineering	
148.	Department of Food Engineering	
149.	Department of Fibre and Textile Technology	

Academic Council 20-01-2024(Approved by the Syndicate 26-01-2024)

Faculty of Vety., Science	
150.	Livestock disease Diagnosis and Treatment
151.	Anesthesia in Veterinary Practice

Sd/-
(TARIQ MAHMUD GILL)
REGISTRAR

Dated: 28-02-2024

Enst: A-5/11-65(Skill Dev.)/8343-8430

Copy is forwarded for information and necessary action to:

1.	All Deans/Directors/Principal Officers.
2.	Principals of Sub-Campuses of UAF at Toba Tek Singh, Burewala (Vehari), Depalpur Okara and Community College at PARS
3.	All Chairmen of Teaching Departments.
4.	Chief Hall Warden/Director Students Affairs/ Director Academics /Director Quality Enhancement Cell/ Director Graduate Studies.
5.	Incharge, IT Resource Center and Databank.
6.	All Heads of Sections working under the Registrar, Treasurer, Controller of Examinations and Director HR.
7.	Deputy Registrar / P.S. to Vice Chancellor.
8.	P.A. to Registrar.

(MUHAMMAD SARFRAZ HUSSAIN)
DEPUTY REGISTRAR (G)