

**MINUTES OF THE 6TH MEETING OF THE BOARD OF STUDIES
DEPARTMENT OF BOTANY HELD ON 22-10-2024 AT 11:00 A.M.**

The 6th meeting of the Board of Studies, Department of Botany SBBU was held on 22-10-2024 at 11:00 a.m. in the Office of the HOD, Department of Botany SBBU Sheringal Dir Upper. The meeting was started with recitation from of Holy Quran by Dr. Khan Sher, Chairman Department of Botany. The HoD welcomed the members/participants and thanked for their timely participation in the meeting. The following attended the meeting online/physically.

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| 1. Dr. Muhammad Riaz, Director Admission and Teaching | Convener/Meeting Chair |
| 2. Dr. Khan Sher, Head of Department | By virtue of Chair |
| 3. Prof. Dr. Muhammad Nisar, University of Malakand | Member |
| 4. Dr. Asad Ullah, Assistant Professor, University of Peshawar | Member |
| 5. Dr. Imran Ahmad, Lecturer, Department of Botany, SBBU | Member |
| 6. Dr. Faiz Ali, Lecturer, Department of Botany, SBBU | Member |
| 7. Dr. Imran Khan, Assistant Professor, Department of Botany, SBBU | Member |
| 8. Mr. Mazhar Iqbal, Lecturer, Department of Botany, Wari Campus member | |

Annex-1

Revised scheme of studies for the Department of Botany in Accordance with HEC new Under Graduate Education Policy-2023: Effective from Fall-2023 to Spring 2024.

SCHEME OF STUDIES (1-8 SEMESTERS) FOR BS / ASSOCIATE DEGREE IN BOTANY

Semester-I				
Course Category	Course Code	Course Title	Credits	Marks
Gen	ENG-31	Functional English	3	100
Gen	ISL-312	Islamic Studies	2	50
Gen	MGC-112	Quantitative Reasoning-I (Exploring Quantitative Skills)	3	100
Major	BOT-311	Diversity of Plants	3+1	100
Allied	ZOO-316	Animal Diversity-I (invertebrates)	2+1	100
Allied	CHEM-151	Inorganic Chemistry	2+1	100
Total Credits			18	550

Semester-II				
Course Category	Course Code	Course Title	Credits	Marks
Gen	ENG-321	Expository Writing	3	100
Gen	PS-322	Ideology and Constitution of Pakistan	2	50
Gen	MGC-113	Quantitative Reasoning-II (Tools for Quantitative Reasoning)	3	100
Major	BOT-321	Plant Systematic Anatomy & Development/ Embryology	3+1	100
Allied	ZOO-326	Animal Diversity-II (Chordates)	2+1	100
Allied	CHEM-161	Organic Chemistry	2+1	100
Total Credits			18	550

Semester III				
Course Category	Course Code	Course Title	Credits	Marks
Gen	BBT-315	Natural Science (Principals of Biology/ Intro to Environmental Sciences)	3(2+1)	100
Gen	PS-425	Civics and Community Engagement	2	50
Gen	PS-108	Islamic History (Arts and Humanities)	2	50
Major	BOT-411	Cell Biology, Genetics and Evolution	3+1	100
Major	BOT-412	Morphology of Plants (Terminology)	3+1	100
Major	BOT-413	Introductory Horticulture	2+1	100
Total Credits			18	550

Semester-IV				
Course Category	Course Code	Course Title	Credits	Marks
Gen	CS-132	ICT	3 (2+1)	100
Gen	GE-441	Entrepreneurship	2	50
Gen	LAW-109	Human Rights Law (Social Science)	2	50
Major	BOT-421	Plant Physiology and Ecology	3+1	100
Major	BOT-422	Biostatistics	2+1	100
Major	BOT-423	Biodiversity and Conservation	3+1	100
Total Credits			18	550

Semester-V				
Course Category	Course Code	Course Title	Credits	Marks
Major	BOT-511	Bacteriology and Virology	2+1	100
Major	BOT-512	Phycology and Bryology	2+1	100
Major	BOT-513	Mycology and Plant Pathology	2+1	100
Major	BOT-514	Diversity of Vascular Plants	2+1	100
Major	BOT-515	Plant Systematics	2+1	100
Total Credits			15	500

Semester-VI				
Course Category	Course Code	Course Title	Credits	Marks
Major	BOT-521	Plant Anatomy	2+1	100
Major	BOT-522	Genetics-I	2+1	100
Major	BOT-523	Plant Biochemistry-I	2+1	100
Major	BOT-524	Plant Ecology-I	2+1	100
Major	BOT-525	Plant Physiology-I	2+1	100
Total Credits			15	500

Semester VII				
Course Category	Course Code	Course Title	Credits	Marks
Major	BOT-611	Molecular Biology	2+1	100
Major	BOT-612	Plant Biochemistry-II	2+1	100
Major	BOT-613	Plant Ecology-II	2+1	100
Major	BOT-614	Plant Physiology-II	2+1	100
Major	BOT-615	Genetics-II	2+1	100
Major	BOT-616	Field Experience	3+0	100
Total Credits			18	600

Semester-VIII				
Course Category	Course Code	Course Title	Credits	Marks
Major	BOT-621	Environmental Biology	2+1	100
Major	BOT-622	Plant Tissue cultures	2+1	100
Major	BOT-623	Capstone Project/ Thesis	3+0	100
Major	BOT-624	Plant Breeding	2+1	100
Major	BOT-625	Stress Physiology	2+1	100
Total Credits			15	500

Category	I	II	III	IV	V	VI	VII	VIII	CHR
General Courses	08	08	07	07	00	00	00	00	30
Inter dis. Course	06	06	00	00	00	00	00	00	12
Major Courses	04	04	11	11	15	15	15	12	87
Field Experience	00	00	00	00	00	00	03	00	03
Capstone Project	00	00	00	00	00	00	00	03	03
Semester-wise CHR	18	18	18	18	15	15	18	15	135

Annex-3

Revised scheme of studies for AD in the Department of Botany in Accordance with HEC new Under Graduate Education Policy-2023: Effective from Fall-2023 onward

Semester 5 to 8 will be followed as such for AD in Botany.