

Department of Botany

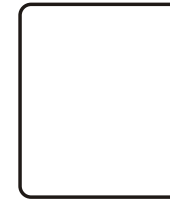
Scheme of Study



Dr. Abida Bano
PhD Botany
Assistant Professor



Mr. Rukhsana Batool
M.phil Botany
Lecturer



Mrs. Yasmeen Kousar
Lecturer Botany



Mr. Muhammad IQbal
M.phil Microbiology
Visiting Lecturer



Mr. Zakir Hussain
M.phil Chemistry
Visiting Lecturer



Mr. Ilyas Hussain Sarfaraz
M.phil Forestry and wildlife
Management (Gold Medalist)
Visiting Lecturer

Department of Botany

➤ A project “Missing facilities in women college Halqa 1 Skardu (ADP 2021-22 Sr# 500)” has been approved by the GB-DDWP in its meeting held in October 2021. For establishment of Resource center 2.407 Million and provision of Botany lab equipment 2.150 million has been allocated in this project. Herbarium of Baltistan Skardu is recently completed, compiling of flora in alphabetical order is in progress. The purpose of Botany Resource Center is to provide computers and internet facility for research students.

- The BS building is under construction going to be completed in 2024.
- The proposal for Botanical Garden is submitted to Directorate of Education in September 2022.
- BS program has been started in September 2019 and first batch passed out in August 2023. The thesis defence of research students was conducted on June 10, 2023. The Principal and faculty are highly obliged to external examiners for timely review of student's thesis. The following external examiners evaluate the thesis of students.

- Dr. Alamdar Hussain, HOD Department of Botany UOBS

- Dr. Zakir Hussain, Deputy Director Agriculture Department Skardu
- Dr. M. Akber Zaigham, Department of Botany UOBS
- Dr. M. Askari, Department of Botany UOBS

➤ The department arranged various seminars and field visits for students. Three days seminar was conducted on “Climate change, Causes and Mitigation” from June 8-10 2023. The various guests speakers are

Day 1 Guest speakers:	Prof. Dr. Abdul Matin, Dean Faculty of Natural Sciences UOBS Dr. Atarad Ali: Additional Director QEC, UOBS
Day 2 Guest speaker:	Mrs. Rukhsana Batool: Lecturer Biology
Day 3 Guest speaker:	Dr. Alamdar Hussain, HOD Department of Botany UOBS

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Scheme of Study

SEMESTER-I			
Course Title	Course Code	Credit Hours	Category
English I (Functional English)		3(3+0)	Compulsory I
Pakistan studies		2 (2+0)	Compulsory II
Mathematics		3 (3+0)	Compulsory III
Animal diversity I (Invertebrates)		3 (2+1)	General I
Chemistry I		3 (2+1)	General II
Diversity of plants	Bot-301	4 (3+1)	Foundation I
Semester's Total Credits		18	

SEMESTER-III			
Course Title	Course Code	Credit Hours	Category
English III (Technical report writing and presentation skill)		3(3+0)	Compulsory I
Introduction to computer		3(3+0)	Compulsory VII
Animal form and function I		3 (2+1)	General VI
Chemistry III		3 (2+1)	General VII
Cell biology, Genetics and Evolution	Bot-401	4 (2+1)	Foundation III
Semester's Total Credits		16	

SEMESTER-II			
Course Title	Course Code	Credit Hours	Category
English II (Communication skills)		3(3+0)	Compulsory IV
Islamic studies		2 (2+0)	Compulsory V
Cell biology		3 (2+1)	General III
Animal diversity II (chordates)		3 (2+1)	General IV
Chemistry II		3 (2+1)	General V
Plant systematics, Anatomy and development/embryology	Bot-302	4 (3+1)	Foundation II
Semester's Total Credits		18	

SEMESTER-IV			
Course Title	Course Code	Credit Hours	Category
English IV		3(3+0)	Compulsory VIII
Biochemistry I		3 (2+1)	Compulsory IX
Bot-404 Biostatistics		3 (2+1)	General VIII
Plant physiology and ecology	Bot-402	4 (3+1)	Foundation IV
Biodiversity and conservation	Bot-403	4 (3+1)	Foundation V
Semester's Total Credits		17	

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SEMESTER-V			
Course Title	Course Code	Credit Hours	Category
Bacteriology and Virology	Bot-501	3(2+1)	Foundation VI
Phycology and bryology	Bot-502	3 (2+1)	Major I
Mycology and plant pathology	Bot-503	3 (2+1)	Major II
Foundation-VII bot-504 diversity of vascular plants	Bot-504	3 (2+1)	Foundation VII
Plant systematics	Bot-505	3 (2+1)	Major III
Semester's Total Credits		15	

SEMESTER-VII			
Course Title	Course Code	Credit Hours	Category
Molecular biology	Bot-601	3(2+1)	Major VII
Plant biochemistry II	Bot-602	3(2+1)	Major VIII
Plant ecology II	Bot-603	3 (2+1)	Major IX
Economic botany		3 (2+1)	Elective I
Vegetation Ecology / thesis		3 (2+1)	Elective II
Semester's Total Credits		15	

SEMESTER-VI			
Course Title	Course Code	Credit Hours	Category
Plant Anatomy	Bot-506	3(2+1)	Foundation VIII
Genetics-I	Bot-507	3 (2+1)	Major IV
Plant biochemistry-I	Bot-508	3 (2+1)	Major V
Plant ecology-I	Bot-509	3 (2+1)	Foundation IX
Plant physiology-I	Bot-510	3 (2+1)	Major VI
Semester's Total Credits		15	

SEMESTER-VIII			
Course Title	Course Code	Credit Hours	Category
Plant physiology II	Bot-604	3(2+1)	Major X
Genetics II	Bot-605	3 (2+1)	Major XI
Environmental biology	Bot-606	3 (2+1)	Major XII
GIS & RS		3 (2+1)	Elective III
Palynology/ Thesis		3 (2+1)	Elective IV
Semester's Total Credits		15	

Total Credits Hours

129