WOMEN UNIVERSITY SWABI
KHYBER PAKHTUNKHWA-PAKISTAN

Department of Zoology

Vice Chancellor's Message

Welcome to Women University Swabi, a university that is committed to empower women through higher education and provide them opportunities to work in a wide array of settings such as education, business, industry, health, and social services sectors.

To me, the job of a university is not only to produce degree holders and commercially marketable human resources, but I believe it is more than that. Universities are required to produce loyal, honest and enlightened human beings who can empathetically understand the needs of society, reverentially work in both national and international community, and take better care of the future generations.

PROF. DR. SHAHANA UROOJ KAZMI
WOMEN UNIVERSITY SWABI
KHYBER PAKHTUNKHWA-PAKISTAN

Department of Zoology

Vision

To be a top department in the university in capacity building of the students through high quality education and research dealing with local, regional and global needs and enabling them to contribute frequently to the welfare of society.

Mission

The goal of the department is to provide a conducive environment for teaching and research activities.

The main goal of the department of Zoology is enabling students through contextual learning and analytical skills to deal with the present-day challenges in the field of zoology.

Department starves to inculcate high moral values, professionalism and board communication skills in the students and making them valuable addition to the society.

BS
Bachelor of Science in Zoology

Introduction

The department of zoology was established in 2013 and is one of the five departments in the faculty of biological sciences. The department is providing teaching and research in various zoology disciplines like physiology, endocrinology, developmental biology/ embryology, reproductive physiology, parasitology, human genetics and fisheries. The department has one of the most highly trained faculty of zoology comprising of 3 assistant professor, 6 lecturers and one lab Assistant

All the faculty members are PhD and M. Phil holders. Well-equipped core labs and specific research labs are available for M. Phil.

The department has regular bonds with institutions like PARC, NARC, NIH and PCSIR. The department is receiving research project funding from the PSF and HEC. The department also holds regular invited seminars by well-known scientist for the benefits of its research students and faculty.

Scholarships:

- HEC Need Base Scholarship
- Ehsas Program
- Baitul Maal Scholarship
- Merit Base Scholarship
- Karwan EILM Foundation Scholarship
- Tadbeer Scholarship

Events:

- Idea Design Competition
- World Fisheries Day' organised on 19 November 2022 at Main Campus Women Swabi
- Seminar on *'Entrepreneurship; A step towards progress of youth'* organized at Main Campus Women Swabi
- *Dengue Awareness Seminar*
- World Crocodile day

Future Plans

- Launching of PhD Program
- Building of Fish Hatchery
- Establishment of Animal house
- MOU signing with different international Universities for research work
- Launching different diplomas programs

BS (4 Years)
Bachelor of Science in Zoology

(4 Years)
8 Semesters

Total Credit Hours   132

Scheme of Studies BS Zoology

COURSE TITLE	COURSE CODE	CREDIT HOURS
Semester 1		
English Grammar & Composition	Eng-Comp-3101	3 (3+0)
Pakistan Studies	PakS-Comp-3101	2 (2+0)
Mathematics	Math-Comp-3101	3 (3+0)
Diversity of Plants	Bot-Gen-3101	3 (2+1)
Organic Chemistry	Chem-Gen-3101	3 (2+1)
Principles of Animal Life-I	Zool-Fnd-3101	4 (3+1)
Semester 2		
Basic Communication Skills	Eng-Comp-3204	3(3+0)
Islamic Studies/Ethics	IslS-Comp-3201	2 (2+0)
Introduction to Statistics	Stat-Comp-3101	3 (3+0)
Plant Systematic, Anatomy & Development	Bot-Gen-3102	3 (2+1)
Inorganic Chemistry	Chem-Gen-3102	3 (2+1)
Principles of Animal Life-II	Zool-Fnd-3102	4 (3+1)
Semester 3		
Technical Report Writing	Eng-Comp-4107	3 (3+0)
Introduction to Computer	CS-Comp-3104	3 (1+2)
Cell Biology and Genetics	Bot-Gen-4103	3 (2+1)
Environmental Chemistry	Chem-Gen-4103	3 (3+0)
Animal Diversity-I	Zool-Fnd-4103	4 (3+1)

COURSE TITLE	COURSE CODE	CREDIT HOURS
Semester 4		
Principal of Psychology	Psy-Gen-3101	2 (2+0)
Biodiversity and Conservation	Bot-Gen-4205	3 (2+1)
Animal Diversity-II	Zool-Fnd-4204	4 (3+1)
Animal Form and Function-I	Zool-Fnd-4205	4 (3+1)
Animal Form and Function-II	Zool-Fnd-4206	4 (3+1)
Semester 5		
Developmental Biology	Zool-Maj-5101	4 (3+1)
Ecology	Zool-Maj-5102	3 (2+1)
Genetics	Zool-Maj-5103	4 (3+1)
Animal Behaviour &Evolution	Zool-Maj-5104	3 (3+0)
Animal Physiology	Zool-Maj-5105	4 (3+1)
Semester 6		
Biostatistics	Zool-Comp-5209	3 (2+1)
Biochemistry	Zool-Fnd-5207	4(3+ 1)
Principles of Systematic Zoology	Zool-Fnd-5208	4(3+ 1)
Cell &Molecular Biology	Zool-Maj-5206	4(3+ 1)
Wildlife Management	Zool-Maj-5207	3(2+1)
Semester 7		
Bioinformatics	Zool-Maj-6108	3(1+2)
Endocrinology	Zool-Maj-6109	4(3+ 1)
Research Methodology	Zool-Fnd-6109	2 (2+0)
1. Parasitology-A 2. Fisheries-A 3. Entomology-A *(any one course will be offered for students who are not interested in Research projects)*	Zool-SP-6101 Zool-SP-6102 Zool-SP-6103	3(2+1) Optional papers
Research Project	Zool-RS-6101	3/3(2+1)
Semester 8		
Microbiology	Zool-Maj-6210	4(3+ 1)
Biotechnology	Zool-Maj-6211	4(3+ 1)
Zoogeography & Paleontology	Zool-Maj-6212	3(2+1)
1. Parasitology-B 2. Fisheries-B 3. Entomology-B *(any one course will be offered for students who are not interested in Research projects)*	Zool-SP-6201 Zool-SP-6202 Zool-SP-6203	3(2+1) Optional papers
*Research project /(Special paper)	Zool-RS-6101	3/3(2+1)

Faculty Member of Zoology

Dr. Mehreen Riaz
Assistant Professor
Ph.D. Zoology

Dr Surrya Khanam
Assistant Professor
Ph.D. Zoology

Dr. Pir Asmat Ali
Assistant Professor
PhD Zoology

Ms. Saba Jannat
Lecturer
M.Phill Zoology

Ms. Tanzeela
Lecturer
Ph.D. Scholar

Ms. Maryam Begum
(Lecturer)
Ph.D. in Progress

Ms. Hira Shams
Lecturer
MPhil Zoology
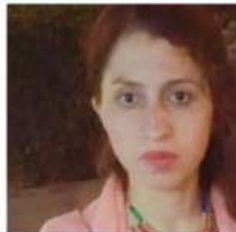
Ms. Hadia Shaukat
(Lecturer)
M.Phil Zoology

Ms. Satwat Malik
Lecturer

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