

BS Botany

(4 Years)

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8 Semesters

Admission Criteria

- Minimum 45 % marks at intermediate level or equivalent.
- Bachelor of art (B.A) or B.sc degree for the Master admission

Scheme of Studies BS Botany

Category	Course Title	Credit Hours
Semester 1		
Major-01	<i>Phycology</i>	3(2+1)
G. Ed.-01	Islamic Studies	3(3+0)
G. Ed.-02	English Grammar & Composition	3(3+0)
G. Ed.-03	Quantitative Reasoning-I	3(3+0)
G. Ed.-04	Arts and Humanities-I	3(3+0)
Semester 2		
Major-02	<i>Mycology</i>	3(2+1)
G. Ed.-05	Pakistan Studies	3(3+0)
G. Ed.-06	Basic Communication Skills	3(3+0)
G. Ed.-07	Arts and Humanities-II	3(3+0)
G. Ed.-08	Quantitative Reasoning-II	3(3+0)

Semester 3		
Major-03	<i>Lichenology</i>	3(2+1)
Major-04	<i>Bryology</i>	3(2+1)
G. Ed.-09	Technical Report Writing	3(3+0)
G. Ed.-10	Social Science-I	3(3+0)
G. Ed.-11	Natural Sciences-I	3(2+1)
Semester 4		
Major-05	<i>Pteridology</i>	3(2+1)
Major-06	<i>Gymnospermology</i>	3(2+1)
Major-07	<i>Taxonomy of Flowering Plants</i>	3(2+1)
G. Ed.-12	Social Sciences - II	3(3+0)
G. Ed.-13	Natural Sciences-II	3(2+1)
Semester 5		
Major-08	<i>Plant Systematics</i>	3(2+1)
Major-09	<i>Plant Cytology</i>	3(2+1)
Major-10	<i>Plant Anatomy</i>	3(2+1)
Major-11	<i>Plant Physiology</i>	3(2+1)
Major-12	<i>Plant Ecology</i>	3(2+1)
Semester 6		
Major-13	<i>Plant Genetics</i>	3(2+1)
Major-14	<i>Plant Biochemistry</i>	3(2+1)
Major-15	<i>Biostatistics</i>	3(2+1)
Major-16	<i>Phytopathology</i>	3(2+1)
Major-17	<i>Medicinal Plants</i>	3(2+1)

Semester 7

Major-18	<i>Concept of Botanical Gardens</i>	3(2+1)
Major-19	<i>Management of Invasive Plant</i>	3(2+1)
Major-20	<i>Plant Nematology</i>	3(2+1)
Major-21	<i>Ethnobotany</i>	3(2+1)
Major-22	<i>Research Project /Optional-I</i>	3/3(2+1)

Semester 8

Major-23	<i>Management of Plant Diseases</i>	3(2+1)
Major-24	<i>Plants Microbes Interaction</i>	3(2+1)
Major-25	<i>Introduction to Tree-ring Science</i>	3(2+1)
Major-26	<i>Plant Tissue culture</i>	3(2+1)
Major-27	<i>Research Project /Optional-II</i>	3/3(2+1)

02 Optional/Elective courses will be offered for those students who are not interested in research projects.

Opt-1	<i>Subject Specific</i>	3(2+1)
Opt-2	<i>Subject Specific</i>	3(2+1)
Opt-3	<i>Subject Specific</i>	3(2+1)
Opt-4	<i>Subject Specific</i>	3(2+1)
Opt-5	<i>Subject Specific</i>	3(2+1)
Opt-6	<i>Subject Specific</i>	3(2+1)
Opt-7	<i>Subject Specific</i>	3(2+1)
Opt-8	<i>Subject Specific</i>	3(2+1)

Note: A mandatory internship for AD and BS is mandatory according to HEC Undergraduate Education Policy 2020/Women University Swabi approved rules and regulations