



University of Central Punjab
The centre of your future

Faculty of **Life Sciences**

2021-22



INTRODUCTION

The **Faculty of Life Sciences** (FOLS) takes pride in excelling at teaching with a highly qualified faculty, including 17 PhD holders. The impact of Life Sciences is evident in all domains of society, covering health care, environment, energy resources, and food products. FOLS prioritises research and has 105 impact factor research journal publications over the past 3 years in different international scientific journals and presented papers in conferences both at a global and national level. To produce competitive and market-oriented students, we have established a Student Career Counselling Group with FOLS Alumni to promote career opportunities for the graduates. At FOLS, we value innovation, learning, and the advancement of knowledge, research, and applications toward improving the use of medications in society and pharmaceutical care. We continually endeavour to improve our national and international influence through quality education and research.



BS Biochemistry

This 4-year programme revolves around the structure, properties and interactions of molecules and the knowledge of biochemical processes that can affect human disease, genetics and bacteria.

BS Biotechnology

This degree programme equips the students with the practical knowledge and conceptual understanding of cutting-edge research ideas in biology, including cell biology, microbiology, biochemistry, molecular biology, and genetics.

BS Microbiology

This programme covers the vast aspects of microbial life to provide quality education to our nation's youth to explore new horizons in Microbiology through training and educating the workforce.

BS Food Science & Technology

This programme provides ample opportunities to work as a food technologist, food engineer, food chemist, food analysts, production managers, quality control managers, quality assurance officers, product application officers, food inspector and food researchers.

Eligibility Criteria: For all BS programmes, a candidate must have at least 45% marks in F.Sc. Pre-Medical/A levels with (Biology, Physics & Chemistry) or equivalent. All applicants are required to pass the UCP admission test.



MS Biochemistry

MS programme in Biochemistry opens the opportunities for the highly skilled and trained students in academia and industry to apply the learnt skills and prove themselves as productive beings.

MS Biotechnology

MS Biotechnology aims to facilitate students to be a part of the biotechnology industry by providing training in many biotech disciplines and preparing high-quality researchers who will become the intellectual leaders in the technology-driven scientific industry and academia.

MS Microbiology

The MS Microbiology programme aims to attain the highest level of glory and excellence in microbiology through quality teaching and research. The programme aims to produce competent and skilled professionals in microbiology to fulfil the future needs of educational institutes, industry and research organisations.

Eligibility Criteria: To apply for MS Biochemistry, Biotechnology & Microbiology, a candidate must have at least 2.00/4.00 CGPA or 50% marks from an annual system in a relevant field. All applicants are required to pass the UCP admission test and interview.

PhD Biochemistry

This programme focuses on preparing the graduates for research-oriented careers in government, academia and industry. It gives extensive exposure to industry-oriented research.

PhD Microbiology

The programme offers a dynamic research environment to excel our students in Microbiology through highly qualified HEC approved supervisors. Our PhD scholars would work in a unique environment to acquire advanced/ applied training in the scientific study of microbes and their impact on human beings.

Eligibility Criteria: To apply for PhD Biochemistry or Microbiology, a candidate must have at least 3.00/4.00 CGPA in MS/M.Phil in a relevant field. All applicants are required to pass the UCP admission test and interview.

Fee Structure of Faculty of Life Sciences

Programme	Admission Fee (PKR)	Per Credit Hour Fee (PKR)	Total Credit Hours	Total Fee (PKR)
BS Biochemistry	25,000	6,000	134	829,000
BS Biotechnology	25,000	6,500	136	909,000
BS Microbiology	25,000	6,000	132	817,000
BS Food Science & Technology	25,000	6,000	135	835,000
MS Biochemistry	25,000	10,500	30	340,000
MS Biotechnology	25,000	10,500	30	340,000
MS Microbiology	25,000	10,500	30	340,000
PhD Biochemistry	25,000	7,000	-	-
PhD Microbiology	25,000	7,000	-	-

UCP Merit and Other Scholarships

The current scholarship policy and maintenance criteria is available on our official website <https://www.ucp.edu.pk/ucp-scholarships/>. Currently, we have 9 different types of scholarship to offer to new and on-going students.

Sr. No	Scholarship Type	Programmes Applicable
1	Merit Scholarship	All undergraduate and graduate programmes
2	PGC Scholarship	All undergraduate programmes
3	UCP Alumni Scholarship	All graduate programmes
4	Kinship Scholarship	All undergraduate and graduate programmes
5	Scholarship for specially-abled students	All undergraduate and graduate programmes
6	Need-based Scholarship	Only for undergraduate programmes

Sr. No	Scholarship Type	Programmes Applicable
7	Co-Curricular activities & sports Scholarship	Only for undergraduate programmes
8	Scholarship for UCP permanent faculty & staff members	Only for graduate programmes
9	Contingency	Only for undergraduate programmes

The details of available scholarships are as follows:

Merit Scholarship for Undergraduate Students	
Academic Marks	Scholarship
85% Marks	100%
80% Marks	75%
75% Marks	50%
70% Marks	25%
Merit Scholarship for Graduate Students	
CGPA	Scholarship
3.80 CGPA in 16 years degree	75%
3.60 CGPA in 16 years degree	50%
PGC Scholarship for Undergraduate Students	
Category	Available Scholarship
PGC Students (At the time of admission)	50%
UCP Alumni Scholarship for Graduate Students (MS Programmes)	
CGPA	Available Scholarship
3.50 CGPA (50% admission fee shall be charged)	50%
3.00 CGPA (50% admission fee shall be charged)	25%
Other Available Scholarships for Undergraduate Students	
Category	Scholarship
Need-based (case evaluation by the committee)	25-100%
Talent-based (on co and extracurricular activities and committee assessment)	25-100%
Contingency (on demise of father or guardian during studies)	50%
Disabled (official disability certificate & committee assessment)	25-100%

Other Available Scholarships for Faculty of Life Sciences Students

Category	Category
Kinship (1 st kin enrolled in PGC/UCP)	25%
Kinship (2 nd kin enrolled in UCP)	50%
Disabled (official disability certificate & committee assessment) (only for graduate students)	25-75%
Faculty & staff members (only for MS students)-5 years satisfactory service	50%
Faculty & staff members (only for MS students)-3 years satisfactory service	25%

Note: Continuation criteria of all the above mentioned scholarships is available on the university website <https://www.ucp.edu.pk/ucp-scholarships/>.

Students who are not eligible for scholarships at the time of admission can apply for scholarships based on their CGPA after the completion of the first semester.



STUDENT RESOURCE CENTRES



- Guidance and support from career professionals
- Career Labs introduced to prepare UCP students for the job market by helping them internalise professional and business skills
- Access to internships, jobs, scholarships, and exchange programmes



- DSA manages student societies and clubs in the domains of performing arts, public speaking, science and community service
- Engages and provides the student with various co-curricular activities and opportunities



- A blended learning approach to help students read and analyse complex texts and convey comprehensive ideas
- Provides support with the knowledge of grammar and vocabulary
- Aims to enhance students' critical thinking skills to enable them to cope with the course material in English across disciplines



- Facilitates students in course registrations, add/drop of courses and virtual learning



State-of-the-Art Facilities



9

Labs Designated for FLS Students

Over 67,000 resources available



A 25 yard, 4 lane, temperature controlled swimming pool



Designated hall for virtual meetings and conferences



Male & female gym with top-of-the-line-training equipment



Centre for all activities and events



Variety of food options with comfortable ambiance



Bringing scripts and ideas to life



In-house business incubator



Training ground for our young performers



For meetings and brainstorming sessions



A shared lounge for students



Safe means of transport at nominal rates



360° virtual tour

Bringing the campus to you, wherever you go. Take a virtual tour to explore classrooms, laboratories, student facilities, and more.



Scan QR Code

www.ucp.edu.pk/virtual-tour



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