



DEPARTMENT OF BIOSCIENCES

BS BIOSCIENCES - BS BIOTECHNOLOGY
BS IN FOOD SCIENCE AND TECHNOLOGY
MS BIOSCIENCES - MS BIOTECHNOLOGY
Ph.D. BIOSCIENCES

Faculty of Life Science

Faculty

The Faculty at the Department of Biosciences includes foreign qualified professionals with relevant expertise and experience in both research and teaching. The faculty is heavily engaged in their research projects and also provides quality supervision to the students' research at SZABIST Life Science Research Center (LSRC).



Lab Facilities

SZABIST is proud of its hi-tech and state-of-the-art scientific

laboratories conducting research at par with international standards. Our labs include:

- Applied Microbiology and Immunology Lab
- Animal Cell Culture Lab
- Plant Cell and Tissue Culture Lab
- Applied Biochemistry and Enzymology Lab
- Natural Product Chemistry and Biotransformation Lab
- Biotechnology and Molecular Biology Lab
- General Biosciences Labs
- Green House

Career Opportunities

Biosciences graduates have tremendous opportunities of serving in wide range of multidisciplinary sectors such as:

- Food Industry
- Biochemical Industry
- Biotechnology Companies
- Healthcare Sector (Public Health)
- Agriculture Sector
- Diagnostic Labs and Hospital
- Pharmaceutical Industry
- Bioinformatics Software Houses
- Research Centers
- Academia

A 6-8 week internship program in a reputable organization will further ensure to secure job placements for our graduates.

BS in Biosciences

Degree Requirements (BS in Biosciences)

BS in Biosciences at SZABIST is a 4-years program of 8 semesters. Graduation requirements are 136 credit hours, an internship of at least 6 weeks, and a research project. The maximum time limit to complete the BS degree is 6-years.

Admission Criteria

For admission to BS in Biosciences program, the Candidates are required to have 50% marks in Intermediate (FSc with pre-medical and FSc with pre-engineering) or O-Levels (minimum 8 subjects including 5 compulsory subjects; English, Urdu, Maths, Islamiyat & Pakistan Studies) and A-levels (minimum 3 subjects including any two of these subjects; Biology, Chemistry, and Physics). Inter Board Committee of Chairmen (IBCC) equivalency is required for O & A Levels/IB Diploma/High School Diploma or equivalent. General Paper (A Levels) will not be counted.

40%
Subsidy on
Tuition Fee

Fee Structure*

Prospectus and Test Fees:	Rs. 2,000/- Pakistani Nationals
Admission Fees:	Rs. 25,000/- Pakistani Nationals
Security Deposit: (refundable)	Rs. 15,000/- Pakistani Nationals
Student Activity Charges:	Rs. 1,500/- Pakistani Nationals
Tuition Fees (Per Semester 6 courses)	Rs. 130,900/- Pakistani Nationals
Tuition Fees after 40% Subsidy:	Rs. 78,540/- Pakistani Nationals
Course Registration Fee Per Course	Rs. 500/-
Examination Fee Per Course	Rs. 500/-

*SZABIST reserves the right to revise the fees/withdraw of scholarships without any prior notice.



BS in Biotechnology

Degree Requirements (BS Biotechnology)

BS Biotechnology at SZABIST is a 4-years program of 8 semesters. Graduation requirements are 136 credit hours, an internship of at least 6 weeks, and a research project. The maximum time limit to complete the BS degree is 6-years.

Admission Criteria

For admission to BS-Biotechnology program, the Candidates are required to have 50% marks in Intermediate (FSc with pre-medical and FSc with pre-engineering) or O-Levels (minimum 8 subjects including 5 compulsory subjects; English, Urdu, Maths, Islamiyat & Pakistan Studies) and A-levels (minimum 3 subjects including any two of these subjects; Biology, Chemistry, and Physics). Inter Board Committee of Chairmen (IBCC) equivalency is required for O & A Levels/IB Diploma/High School Diploma or equivalent. General Paper (A Levels) will not be counted.

Fee Structure*

Prospectus and Test Fees:	Rs. 2,000/- Pakistani Nationals
Admission Fees:	Rs. 25,000/- Pakistani Nationals
Security Deposit: (refundable)	Rs. 15,000/- Pakistani Nationals
Student Activity Charges:	Rs. 1,500/- Pakistani Nationals
Tuition Fees (Per Semester 6 courses)	Rs. 130,900/- Pakistani Nationals
Tuition Fees after 40% Subsidy:	Rs. 78,540/- Pakistani Nationals
Course Registration Fee Per Course	Rs. 500/-
Examination Fee Per Course	Rs. 500/-

*SZABIST reserves the right to revise the fees/withdraw of scholarships without any prior notice.



BS in Food Science and Technology

Degree Requirements ((BS FST)

BS Food Science and Technology

at SZABIST is a four-year program spread over eight semesters and consists of 138 credit hours of teaching (46 courses), an internship of at least six weeks (3 credits), and a capstone project of 3 credit hours. The maximum time limit to complete the BS degree is six years.

Admission Criteria

For admission to BS Food Science and Technology program, the Candidates are required to have 50% marks in Intermediate (FSc with pre-medical and FSc with pre-engineering) or O-Levels (minimum 8 subjects including 5 compulsory subjects; English, Urdu, Maths, Islamiyat & Pakistan Studies) and A-levels (minimum 3 subjects including any two of these subjects; Biology, Chemistry, and Physics). Inter Board Committee of Chairmen (IBCC) equivalency is required for O & A Levels/IB Diploma/High School Diploma or equivalent. General Paper (A Levels) will not be counted.

Fee Structure*

Prospectus and Test Fees:	Rs. 2,000/- Pakistani Nationals
Admission Fees:	Rs. 25,000/- Pakistani Nationals
Security Deposit: (refundable)	Rs. 15,000/- Pakistani Nationals
Student Activity Charges:	Rs. 1,500/- Pakistani Nationals
Tuition Fees (Per Semester 6 courses)	Rs. 130,900/- Pakistani Nationals
Tuition Fees after 40% Subsidy:	Rs. 78,540/- Pakistani Nationals
Course Registration Fee Per Course	Rs. 500/-
Examination Fee Per Course	Rs. 500/-

*SZABIST reserves the right to revise the fees/withdraw of scholarships without any prior notice.



MS in Biosciences

Degree Requirements (MS-Bio)

MS Biosciences at SZABIST is a 2-years program spread over four semesters and consists of 30 credit hours. The curriculum includes 8 courses of 3 credit hours each and research project (Thesis) of six credit hours or 2 Independent Research Studies (IRS) or 2 additional elective courses, in order to complete the total credit hours. The maximum time limit to complete the MS degree is 4-years.

Admission Criteria

For admissions in the MS Biosciences program, candidates must possess 16 years of education in any field of life/ biological sciences with minimum 50% marks/ 2.0 CGPA from a university recognized by HEC. GAT General/ HAT relevant is mandatory for MS students with minimum 50% score. Last Degree verification from Higher Education Commission (HEC) is also required.



Fee Structure*

Prospectus and Test Fees:	Rs. 2,000/- Pakistani Nationals
Admission Fees:	Rs. 25,000/- Pakistani Nationals
Security Deposit: (refundable)	Rs. 15,000/- Pakistani Nationals
Student Activity Charges:	Rs. 1,500/- Pakistani Nationals
Tuition Fees (Per Semester 4 courses)	Rs. 117,600/- Pakistani Nationals
Tuition Fees after 40% Subsidy:	Rs. 70,560/- Pakistani Nationals
Course Registration Fee Per Course	Rs. 500/-
Examination Fee Per Course	Rs. 500/-

*SZABIST reserves the right to revise the fees/withdraw of scholarships without any prior notice.



MS in Biotechnology

Degree Requirements (BS Biotechnology)

MS Biotechnology at SZABIST is a 2-years program spread over four semesters and consists of 30 credit hours. The curriculum includes 8 courses of 3 credit hours each and research project (Thesis) of six credit hours or 2 Independent Research Studies (IRS) or 2 additional elective courses, in order to complete the total credit hours. The maximum time limit to complete the MS degree is 4-years.

Admission Criteria

For admissions in the MS Biotechnology program, candidates must possess 16 years of education in any field of life/ biological sciences with minimum 50% marks/ 2.0 CGPA from a university recognized by HEC. GAT General/ HAT relevant is mandatory for MS students with minimum 50% score. Last Degree verification from Higher Education Commission (HEC) is also required.



Fee Structure*

Prospectus and Test Fees:	Rs. 2,000/- Pakistani Nationals
Admission Fees:	Rs. 25,000/- Pakistani Nationals
Security Deposit: (refundable)	Rs. 15,000/- Pakistani Nationals
Student Activity Charges:	Rs. 1,500/- Pakistani Nationals
Tuition Fees (Per Semester 4 courses)	Rs. 117,600/- Pakistani Nationals
Tuition Fees after 40% Subsidy	Rs. 70,560/- Pakistani Nationals
Course Registration Fee Per Course	Rs. 500/-
Examination Fee Per Course	Rs. 500/-

*SZABIST reserves the right to revise the fees/withdraw of scholarships without any prior notice.

Admission Schedule

FALL 2024 (Round 1)

Admissions Start	: Jan 22, 2024
Last date to Apply	: March 05, 2024
Admission Test	: March 09-10, 2024
Interviews	: March 15 to 17, 2024
Classes Commence	: September, 2024

APPLY ONLINE:

Log on to: <http://admissions.szabist.edu.pk>

For further information please contact:
F-153, Clifton, Block-5, Karachi, Pakistan. UAN: 111-922-478,
Tel: 021-35823433 (Ext # 333, 334, 335, 336).
Fax: 021-358 21537. www.szabist.edu.pk

PhD in Biosciences

Degree Requirements (MS-Bio)

PhD in Biosciences is minimum 3-years program spread over 6 semesters. It is 48 credit hour program comprising of 5 courses, one Independent Research Study (3 credit hours) and a dissertation of 30 credit hours. The maximum time limit to complete the PhD degree is 8-years.

Admission Criteria

For admission in PhD Biosciences program, candidates must possess 17.5 years of education in any field of life/biological sciences with minimum 60% marks/CGPA 3.00 from a university recognized by HEC. SZABIST's own GAT test is mandatory to pass for Ph.D. Students with minimum 70% score (in lieu of GRE/GAT Subject). Last Degree verification from Higher Education Commission (HEC) is also required.

Fee Structure*

Prospectus and Test Fees:	Rs. 2,000/- Pakistani Nationals
Admission Fees:	Rs. 25,000/- Pakistani Nationals
Security Deposit: (refundable)	Rs. 15,000/- Pakistani Nationals
Student Activity Charges:	Rs. 1,500/- Pakistani Nationals
Tuition Fees (Per Semester 3 courses)	Rs. 90,000/- Pakistani Nationals
PhD Dissertation (per 3 Cr Hrs)	Rs. 50,100/-
Course Registration Fee per course	Rs. 500/-
Examination Fee per course	Rs. 500/-

*SZABIST reserves the right to revise the fees/withdraw of scholarships without any prior notice.



SZABIST
UNIVERSITY

99 & 100 Clifton, Karachi, Pakistan, Tel: (021)111 922 478
E-mail: info@szabist.edu.pk, www.szabist.edu.pk

Discover Yourself