

MS in Public Health (MSPH)

Degree Requirements (MSPH) Master of Public Health (MSPH) at SZABIST is a 2-years program distributed into two streams i.e., MSPH (36 credit hours) and MSPH (60 credit hours). For MSPH (36 cr hours), the curriculum includes 10 courses of 3 credit hours each and a research project (thesis) of 6 credit hours or 2 IRS. For MSPH (60 cr hours), the curriculum includes 18 courses of 3 credit hours each and a research project (thesis) of 6 credit hours or 2 IRS. The maximum time limit to complete the MSPH degree is 4-years.

Admission Criteria For admissions in the MSPH program, the candidate must have 16-years of education with minimum 50% marks /2.5 CGPA from a university recognized by HEC.

Following Candidates will be eligible to take MSPH Program of 36 credit hours:
MBBS/BDS/MD/BSc Nursing 4-years/DVM/BSc Paramedics 4-years/BSPH/PharmD/Equivalent/BS Physiotherapy/Equivalent and BS Biological and Life Sciences/Equivalent.

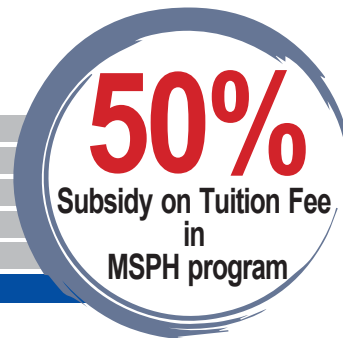
Following degree holders will be eligible to take MSPH of 60 credit hours:
Masters in Environmental Sciences/Business Administration/Nutrition and equivalent and Social Sciences (Sociology/Psychology/Anthropology). GAT General / HAT relevant is mandatory for MS PH students with minimum 50% score. Last Degree verification from Higher Education Commission (HEC) is also required.



Fees Structure*

| | Pakistani Nationals | Foreign Nationals |
|------------------------------------|----------------------------------|-------------------|
| Prospectus and Test Fees: | Rs. 1,500/- | US\$ 45 |
| Admission Fees: | Rs. 20,000/- | US\$ 500 |
| Security Deposit: (refundable) | Rs. 10,000/- | US\$ 330 |
| Student Activity Charges: | Rs. 1000/- | US\$ 30 |
| Tuition Fees: | Rs. 23,100/- (Per Course) | US\$ 525 |
| Tuition Fees after Subsidy: | Rs. 11,550/- (Per Course) | US\$ 263 |

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



Doctor of Philosophy (PhD) in Biosciences

Degree Requirements (PhD) The PhD in Biosciences is minimum 3-years program spread over 6 semesters. It is 48 credit hour program comprising of 5 courses, 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.

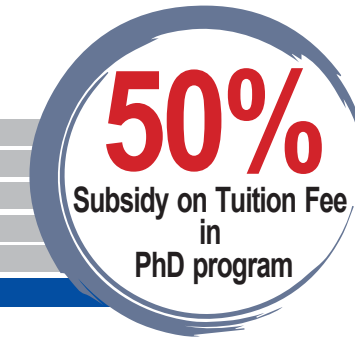
Admission Criteria For admission in PhD Biosciences program, candidates must possess 17.5 years of education in any field of life/biological sciences with minimum 60% marks/CGPA 3.00 from a university recognized by HEC. GAT (subject) is mandatory for PhD students with minimum 60% score. Last Degree verification from Higher Education Commission (HEC) is also required.



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Admission Schedule

| | |
|--------------------|------------------------------|
| Admissions Start | : May 07, 2018 |
| Last Date to Apply | : July 14, 2018 |
| Admission Test | : July 18-21, 2018 |
| Interviews | : July 28 to August 03, 2018 |
| Classes Commence | : September 03, 2018 |

APPLY ONLINE:

Log on to : <http://admissions.szabist.edu.pk>
Online applications can also be filled at SZABIST campus
For further information please contact:
F-153, Clifton, Block-5, Karachi, Pakistan. UAN: 111-922-478,
Tel: 021-35823433 (Ext:147-148-104). Fax: 021-358 21537. www.szabist.edu.pk



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Discover Yourself

Faculty of Biosciences

BS Biosciences
BS Biotechnology
Master of Public Health (MSPH)
Master of Science-Biosciences (MS Bio)
Doctor of Philosophy (PhD) in Biosciences



SZABIST



Shaheed Zulfikar Ali Bhutto Institute of Science & Technology

About SZABIST

Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST) is highly ranked and fully chartered institute of Pakistan established through a Legislative Act of Sindh Assembly (Sindh Act No. XI of 1995). It is approved and recognized by the Higher Education Commission (HEC), Pakistan, as a degree awarding institution. All the programs offered at SZABIST are consistent with the guidelines set by HEC and other regulatory bodies, for example, National Business Education Accreditation Council (NBEAC), National Computing Education Accreditation Council (NCEAC), National Accreditation Council for Teacher Education (NACTE), Pakistan Engineering Council (PEC) and Knowledge Human and Development Authority (KHDA) Dubai, United Arab Emirates (UAE).

Vision
SZABIST aims to be a globally recognized institute for excellence in education, research, development, and distinction in service.

Mission
SZABIST is committed to produce highly qualified professionals to:
 • Meet national and global contemporary needs;
 • Conduct cutting edge research and development;
 • Provide hi-tech scientific and technological expertise;
 • Meet current and future socio-economic challenges;
 • Meet global citizenship responsibility.

HEC & CIEC Ranking
SZABIST is ranked as one of the most reputed university by HEC and Chartered Inspection and Evaluation Committee (CIEC). SZABIST Business School has been rated as "Outstanding" by CIEC and HEC, Pakistan. In addition, all the relevant programs are accredited and recognized by NBEAC, NCEAC, NACTE, PEC, and KHDA Dubai. Since 2012, the SZABIST-QEC has been awarded more than 91% in the quantitative assessment by Quality Assurance Agency (QAA) HEC, Pakistan.

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

- Food Industry
- Pharmaceutical Industry
- Biotechnology Industry
- Research scientists in the R&D sector
- Hospitals and Healthcare Centers
- Agriculture Industry
- Business Consultancy
- Epidemiologist
- Disaster and Emergency Specialist
- Public Health Nurse
- Healthcare Manager
- Public Health Educator
- Environmental Health Scientist
- Public Health Practitioner
- Tropical & Infectious Disease Specialist
- Private Healthcare Consultant
- Nutrition Health Advisor
- Health Policy Associate
- International Healthcare Worker
- Health Services Administrator
- Occupational Health Specialist
- Clinical Research Coordinator

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



Faculty Biosciences faculty includes 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 at SZABIST Center for Biosciences Research (SCBR) laboratories.

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



BS in Biosciences

Degree Requirements (BS Biosciences) BS Biosciences at SZABIST is a 4-years program of 8 semesters. Graduation requirements are 135 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 Biosciences program the Candidates are required to have 50% marks in Intermediate (FSc) or O-Levels (minimum 8 passes) and A-levels (minimum 3 passes in at least two 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.



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| Security Deposit: (refundable) | Rs. 10,000/- | US\$ 330 |
| Student Activity Charges: | Rs. 1000/- | US\$ 30 |
| Tuition Fees: | Rs. 17,400/- (Per Course) | US\$ 390 |
| Tuition Fees after Subsidy: | Rs. 8,700/- (Per Course) | US\$ 195 |

**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 135 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) or O-Levels (minimum 8 passes) and A-levels (minimum 3 passes in at least two 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.



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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 of teaching. The curriculum includes 8 courses of 3 credit hours each and research project (Thesis) of six credit hours or two Independent Research Studies. Students can also take two additional courses in lieu of Thesis in order to complete the total credit hours. The maximum time limit to complete the MS degree is 4-years.

Admission Criteria For admission in MS Biosciences program, candidates must possess 16 years of education in any field of life/biological sciences with minimum 50% marks/CGPA 2.5 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.



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