BS in Biosciences

The BS-Biosciences program at Shaheed Zulfikar Ali Bhutto Institute of Science and Technology, SZABIST, Karachi is a strong response to the need of the day. It encompasses high quality teaching and learning while paving the way for cutting edge research that will benefit the industry.

Our 4-year BS-Biosciences program provides a sound and broad academic base for a professional and rewarding career in a variety of medical fields. It blends theoretical and practical knowledge, critical thinking, and real life experience to equip students with strong marketable skills.

SZABIST has a robust R&D program with state-of-the-art labs and highly qualified professionals trained at world renowned institutions.
Recognition

The Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST) is a fully Chartered Institute established through a Legislative Act of the Sindh Assembly (Sindh Act No. XI of 1995) and is approved and recognized by the Higher Education Commission (HEC), Pakistan, as a degree awarding institution. SZABIST has campuses in Karachi, Islamabad, Larkana, Hyderabad and Dubai (UAE).

HEC and CIEC Ranking

Higher Education Commission (HEC), Pakistan has ranked SZABIST as one of the best business schools of Pakistan. The Chartered Inspection and Evaluation Committee (CIEC) has rated SZABIST as an “Outstanding” institution by awarding “6 Stars”.

The Vision

Biosciences program at SZABIST Karachi is a strong response to the diversified educational needs of the day. It encompasses high quality teaching and learning, paving ways for cutting edge research. The program caters for the growing skill needs of both public and private sectors such as health, agriculture, genomics, biotechnology, energy, environmental sciences and education, which require professionals that are well versed with the current trends and knowledge in multidisciplinary fields of Biological Sciences.

The Mission

The Shaheed Zulfikar Ali Bhutto Institute of Science and Technology has been established with the objectives of producing highly qualified, scientific and technical personnel to meet the country’s requirements; of conducting scientific and technological research and support of the private and public sector; of providing scientific and technical assistance to the Pakistani industry to enable it to compete with world industries in global trading; of providing highly trained scientific and technical personnel to be able to attract the growth of industries and foreign and Pakistani investment; and of providing a sound socio-economic and scientific base to Pakistan to be able to meet the economic and technological challenges of the 21st century.

Admission Criteria

For admission to BS–Biosciences program, the candidate must have Intermediate (Science) with 50% marks or minimum three A-level passes across any two subjects (Biology, Chemistry and/or Physics).

Fees Structure*

<table>
<thead>
<tr>
<th></th>
<th>Pakistani Nationals</th>
<th>Foreign Nationals</th>
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<tbody>
<tr>
<td>Prospectus and Test Fees:</td>
<td>Rs. 1,500/-</td>
<td>$ 45</td>
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<tr>
<td>Admission Fees:</td>
<td>Rs. 20,000/-</td>
<td>$ 500</td>
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<tr>
<td>Security Deposit: (refundable)</td>
<td>Rs. 5,000/-</td>
<td>$ 165</td>
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<tr>
<td>Student Activity Charges:</td>
<td>Rs. 500/-</td>
<td>$ 15</td>
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<tr>
<td>Tuition Fees:</td>
<td>Rs. 13,500/- (Per Course)</td>
<td>$ 315</td>
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* All students will receive 50% scholarship on Tuition Fees. SZABIST reserves the right to revise the fees/withdraw of scholarships without any prior notice.

Please visit our website www.szabist.edu.pk and click the link “Online Admission” (A valid email address is necessary to fill up the online Admission form).

For further queries e-mail at: admissions@szabist.edu.pk
Degree Requirements

In line with the HEC rules, BS-Biosciences at SZABIST is a 4-year program of 8 semesters. Graduation requirements are 135 credit hours, an internship of at least 6 weeks, and a research project.

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
- Biomedical engineering product development
- Media (Scientific journalism)
- Business Consultancy

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

Scholarships

SZABIST will provide a 50% scholarship for students 2014-15 for full course load. Additionally, scholarship up to 100% tuition fees are available to needy and meritorious students.
Faculty

Most SZABIST faculty have Ph.D. and postgraduate degrees with years of experience in the academic and corporate world. Details of faculty qualifications and experience can be found on the SZABIST website.

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:

- Sterile rooms for micropropagation of plants
- Organotypic tissue culture lab
- Molecular biology lab
- Diagnostic lab
- Green House

Admission Schedule

<table>
<thead>
<tr>
<th>Last Date to Apply</th>
<th>June 14, 2014</th>
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<tbody>
<tr>
<td>Admission Test Date</td>
<td>June 19 - 25, 2014</td>
</tr>
<tr>
<td>Interviews</td>
<td>July 01 - 11, 2014</td>
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<tr>
<td>Classes Commence</td>
<td>August 12, 2014</td>
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Other Programs

SZABIST also offers the following programs: BBA, BE Mechatronics, BS (Media Sciences), BS (Computer Science), BS (Social Sciences) MBA, MBA (Banking & Finance), EMBA, MPM, Masters in T.V Production/Advertisement, MS (Media Studies), MS/PhD (Management Sciences, Social Sciences and Computer Science) and the University of London International Programme of LLB and the BA (Hons) Business Studies (in affiliation with University of South Wales, UK). Separate brochures of these programs are available at the Admission Office.

Apply online at: http://admissions.szabist.edu.pk. In case of any problem, online applications can also be filled in at SZABIST campus.