

Central Library

Our Central Library is providing the students comprehensive access to library holdings, including our own research projects depository (the thesis catalogue) and local digital collection (over 20,000 e Books)

The friendly and professional staff of the Library is ready to help the students to make the most of the resources available in libraries. Our library network is also hooked up with the HEC's digital library and has instant access to over 50,000 books and more than 23,000 journals.



Faculty

The department has many foreign and national qualified PhD & MS faculty members who are involved in teaching and mentoring the students with a focused attention. As guides and mentors, they motivate students to acquire the knowledge and skill they need to succeed in their fields of study.

Scholarship / Financial Aid

Bahria University Scholarship Policy has been framed with the objective to assist students with their educational expenses. The University aims to provide equal opportunity for all students to attain their goals / targets regardless of their financial position. Every year, the University allocates substantial funds in its budget plan exclusively for awarding scholarships to the brilliant/ deserving students.



Sports / Gymnasium

Participating in physical activity and sports is essential for fighting anxiety, psychological stress, anguish, and emotional disturbance . Bahria University Karachi offers a wide range of sports for the student indoor and outdoor games for both boys and girls

Department of Biotechnology Bahria University Health Sciences Campus, Karachi

Adjacent PNS SHIFA, Phase-II, Karachi, Pakistan
Tel; +92-21-35319491-9 Ext: (1043), Cell: 0346-3273597
Email: principalbucahs.bumdc@bahria.edu.pk
Website: <https://www.bahria.edu.pk/>



BAHRIA UNIVERSITY

Discovering Knowledge

BAHRIA UNIVERSITY HEALTH SCIENCES CAMPUS, KARACHI



Department of Biotechnology



Department of Biotechnology

The Department of Biotechnology is the nodal agency supporting research and its applications in the Life Sciences and promotes & accelerates the pace of development and large scale use of biotechnology in the country. Biotechnology has applications in four major industrial areas, including health care (medical), crop production and agriculture, non food (industrial) uses of crops and other products (e.g. biodegradable plastics, vegetable oil, biofuels), and environmental uses.

Program Offered

Bahria University Health Sciences Campus is offering Bachelor of Science in Biotechnology

- BS-Biotechnology

Mission of the BS-Biotechnology Program

To prepare qualified graduates equipped with knowledge, latest technological skills and innovative research expertise in the field of biotechnology, attained in a collegiate environment supported through national and international linkages, for provision of high quality services in the society to serve community.

Eligibility Criteria for BS-Biotechnology Program

Candidates having 50% marks or above in intermediate science (preferably pre-medical or pre-engineering) or equivalent examination are eligible to apply.



Objectives of the BS-Biotechnology Program

The students will be able to:

- The graduates will contribute competently in the industry related to biotechnology by applying requisite technical skills
- The graduates will demonstrate advancement in profession by enhancing their knowledge and skills in their relevant field
- The graduates will demonstrate commitment to ethical values and contribute positively towards the society.
- Learn the scope, concepts, and terminology of biotechnology
- Investigate and explain current events and advances in biotechnology
- Perform techniques involving measurement

Brief Description of BS-Biotechnology Program

Course title	BS (4 years degree program) in Biotechnology
Course duration	4 years
Study system	Semester system
No. of regular semesters	8 semester
Semester duration	18 weeks
Total credit hours	134 credit hours
Number of Courses per semester	5-6
Course load per semester	15 -1 8 credit hours

Outcomes of BS-Biotechnology Program

- Graduates will be prepared with an ability to apply fundamental and specialized knowledge of biotechnology to the solution of complex biotechnological problems
- Graduates will be able to deliver an ability to identify, formulate, research literature, analyze complex biotechnology problems, reaching substantiated conclusions using fundamental principles of biotechnology.
- An ability to investigate complex issues in biotechnology in a methodical way including literature survey, and development of systems, analysis and interpretation of experimental data, and synthesis of information to derive valid conclusions.