



B.Sc

Biotechnology, Genetics, Microbiology



**Acharya Bangalore
B-School**



'A' Graded Institution
NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL

— Overview

Bachelor's in science with Biotechnology, as a specialization, involves an in-depth study of bio-molecular reactions for the development of a variety of technologies and outcomes that contribute to improving people's lives and being as a whole. The BSc Biotechnology course, at ABBS, deals with advanced topics in biological processes meant for industrial and genetic manipulation of microorganisms for the production of antidotes, antibiotics, etc. which can be used as medication.

— HOD's Message



Prof. Keshavamurthy M

M.Sc., NET., K-SET., (Ph.D.)

Assistant Professor &

Program Coordinator,

Department of Life Sciences

Welcome to B.Sc. course! My hope is that by the end of this course you have a new appreciation for the subject matter and will continue your education in the subject. We at ABBS offer B.Sc. in the following subjects, Biotechnology, Biochemistry, Microbiology, and Genetics. The students will be equipped with the multidisciplinary skills and knowledge base required in the field of Life Sciences, with an understanding of the subject specific knowledge as well as critical, analytical and flexible approach to problem-solving in the field of professional employment or higher studies in Life Science. Students will be able to choose two major subjects among the three subjects that are being offered by the college.

— Curriculum

The curriculum is interdisciplinary in nature, providing students with a strong basis to understand principles for diverse biological phenomena, and allowing them to be creative and competitive researchers in life sciences. The curriculum is designed to prepare students for advances in life sciences and technologies in the 21st century.

The curriculum for B.Sc. Life Science is focused on

- DSC: Discipline Specific core (Course)
- DSE: Discipline Elective
- OE: Open Elective
- AECC: Ability Enhancement Compulsory Courses
- SEC: Skill Enhancement Courses
- SEE: Semester End Examination, CIE: Continuous Internal Evaluation, L+T+P: Lecture + Tutorial + Practical(s)

Objectives of B. Sc course at ABBS

- Provide groundbreaking research in the field of molecular biology and applied bioengineering.
- Develop methods to gain higher yields in agricultural methods of harvest.
- Accelerate interdisciplinary research and educational opportunities that solve problems and improve the quality of life.

— Career Prospects

01	Pharma	09	Research Associate
02	Genetic Engineering	10	Junior Scientist
03	Applied Microbiology	11	Food & Agricultural Scientist
04	Bioinformatics & Bioengineering	12	Biomedical Engineer
05	Bioprocess Research	13	Microbiologist
06	Agricultural Biotechnology	14	Soil & Plant Scientist
07	Molecular Biology	15	Agricultural Engineer
08	Research Analyst		

— Program Dates

The Admission process for various programs commences during January of every year and extends till the last date of admission as per the university regulations or availability of seats, whichever is earlier.

Note: Aspirants are instructed to personally confirm the admission dates and timelines from the admissions office.

— Course Details

B. Sc - Biotechnology, Biochemistry, Microbiology and Genetics.

— Course Duration

3 to 4 years (6-8 Semesters)

— Admission Eligibility

10+2 or PUC or any equivalent from a recognized education board/council with biology subjects and a minimum aggregate of 40% in 10th and 12th. Seats are allotted on a merit basis.

— Who should apply?

Aspirants who are interested in biology and have a keen aptitude for scientific applications are suitable to take up this course.



Aspire. Accelerate. Achieve.



Acharya Bangalore B-School



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