



**CHANDIGARH
GROUP OF COLLEGES**
Building Careers. Transforming Lives.

EVOLVE YOUR CAREER IN THE MULTIDISCIPLINARY FIELD



- ✓ B.Sc. Biotechnology
- ✓ B.Sc. Microbiology
- ✓ M.Sc. Biotechnology



📍 Landran, Kharar-Banur Highway, Sector 112,
Greater Mohali, Punjab 140307
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Toll Free: 1800 200 3575, 📞 95922 14444

B.Sc. BIOTECHNOLOGY

Bachelor of Science in Biotechnology is an undergraduate academic degree program that focuses on the application of biological principles and techniques in various industries, including healthcare, agriculture, pharmaceuticals and environmental science

SPECIALIZATION

- Immunology
- Genetic Engineering
- Molecular Biology
- Organic Farming
- Plant Tissue Culture
- Animal Cell Culture
- Industrial Microbiology
- Environmental Biotechnology
- Biochemistry
- Nanotechnology
- Food Technology
- Developmental Biology

IN-DEMAND CAREER OPTIONS

- Quality Control/Quality Assurance Analyst/Biomedical Engineer
- Environmental Biotechnologist/ Department of pollution control board and conservation
- Regulatory Affairs Specialist
- Entrepreneur/Start-up Founder
- Food inspector/ Food Analyst in Govt. of India
- Medical Writer

Duration: 3 years.

Eligibility: Any candidate who has passed 10+2 examination with Physics & Chemistry as compulsory subjects and either Mathematics or Biology as one of the additional subject, from a recognized Board / University / Council with at least 50% aggregate marks (45% in case of candidate belonging to Reserved Category)

B.Sc. (HONS) MICROBIOLOGY

Bachelor of Science (Hons) in Microbiology is an undergraduate academic degree program that focuses on the study of microorganisms, which include bacteria, viruses, fungi, algae and protozoa. The "Honors" designation typically indicates a more rigorous and specialized curriculum compared to a standard bachelor's degree.

SPECIALIZATION

- Fermentation Technology
- Bioprocess Engineering
- Virology
- Recombinant DNA Technology
- Nanotechnology
- Food Technology
- Microbial Biotechnology
- Agricultural Microbiology

IN DEMAND CAREER OPTIONS

- Clinical Microbiologist
- Environmental Microbiologist
- Industrial Microbiologist
- Public Health Microbiologist
- Quality Control Analyst
- Medical Writer

Duration: 3 years

Eligibility: Any candidate who has passed 10+2 examination with medical stream from a recognized Board / University / Council with at least 50% aggregate marks (45% in case of candidate belonging to Reserved Category)

M.Sc. BIOTECHNOLOGY

Master of Science in Biotechnology is a postgraduate academic degree program that focuses on the interdisciplinary study using biological systems and living organisms to develop products and technologies that improve our lives and the environment. This field encompasses a wide range of applications, including medicine, agriculture, pharmaceuticals, food production and environmental conservation.

SPECIALIZATION

- Clinical Research
- Genetics and Development biology
- Genetic engineering
- Biomolecules and Metabolism
- Applied Microbiology
- Enzymology
- Virology
- Molecular carcinogenesis
- Bioprocess engineering
- Nanotechnology

IN DEMAND CAREER OPTIONS

- Biomedical Research Scientist
- Market Research Analyst
- Clinical Research Associate (CRA)
- Bioinformatics Specialist
- Quality Control/Assurance Analyst
- Entrepreneur
- Environmental Scientist
- Food and Agriculture Biotechnologist
- Regulatory Affairs Specialist
- Medical Science Liaison (MSL)
- Education and Academia

Duration: 2 years.

Eligibility : Any candidate who has passed Bachelor's degree in any branch of Science /Agriculture / Pharmacy / Veterinary / Engineering / Medicine (MBBS) /Medical Lab. Technology / Nursing from a recognized Board / University /Council with minimum 50% marks (45% marks in case of candidate belonging to Reserved Category).

Chandigarh College of Technology



Awarded Outstanding Higher Education Institute for Biotechnology & Microbiology

KEY RECRUITERS

