



HIMALAYAN SCHOOL OF BIO SCIENCES (HSBS)

AT HSBS, WE EMPOWER YOU AS THE NEXT GENERATION
SCIENTIST WITH KNOWLEDGE, ANALYTICAL & RESEARCH
SKILLS COVERING ALL FORMS OF LIFE

M.Sc. MASTER OF SCIENCE
IN BIOCHEMISTRY



FACULTY

A combination of both industry & academia, the entire HSBS teaching faculty have doctoral degrees and are experts in their domain

Teaching and Training

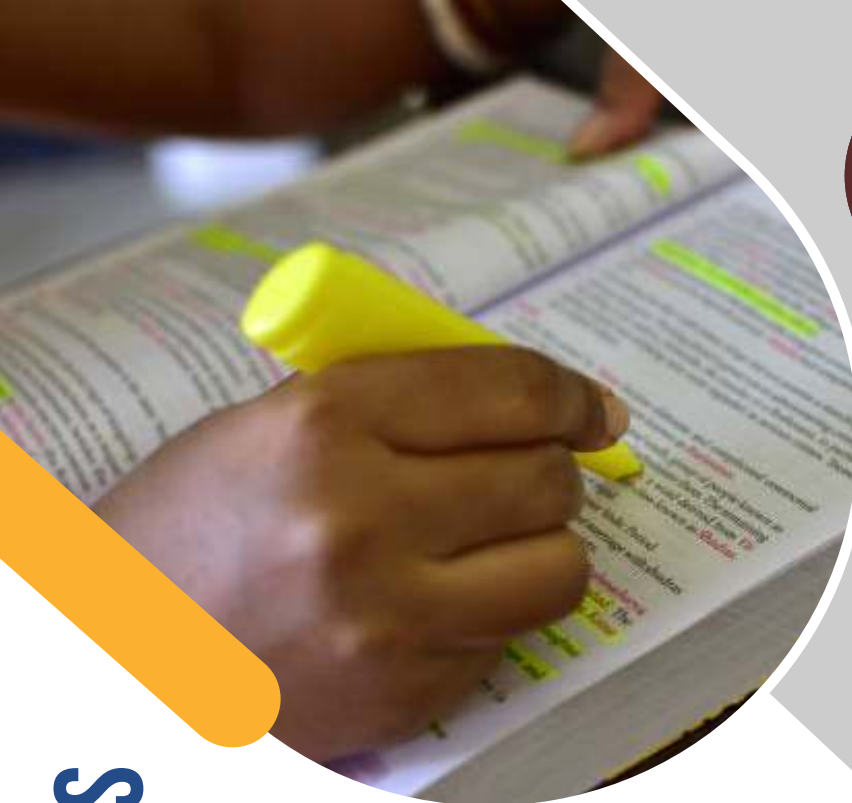
Student-centric pedagogy that stimulates learning and deep understanding of the subject

- Progressive & professionally recognized academic activities with emphasis on practical learning, innovation, skill development and exposure to the latest advancements in Bio Sciences
- Lectures, laboratory sessions, guest lectures by industry experts, tutorials, industry visits, workshops, seminars, inter-disciplinary programs, projects, group activities, one-on-one discussions, leveraging multimedia, and digital platforms
- Hands-on experience in specialist labs, conferences, seminars, special workshops, research-based projects, assignments/field projects, and practical work

M.Sc.

MASTER OF SCIENCE
IN BIOCHEMISTRY





HIGHLIGHTS

- Consistent exposure in frontier areas of applied Biochemistry
- Interactive and integrative learning
- Sophisticated and advanced instrumentation facility
- 100% summer training assignments
- Industry-academia interface

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M.Sc.



SPECIALIZATION



Medical Biochemistry &
Cancer Biology



Plant & Food Biochemistry



Animal Biochemistry

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POSTGRADUATE DEGREE

Master of Science in Biochemistry

With this M.Sc. program, you will be able to:

1. Understand and apply the chemical knowledge and techniques on biological processes
2. Acquire skills to explore and formulate specific experiments aimed at understanding molecular within and related to living organisms
3. Acquire extensive research experience and develop deep understanding in the specialized area of biochemistry and broad understanding of molecular biosciences
4. Effectively contribute as an individual or team member in R&D of both public and private sectors or other employment in biochemistry-based organizations
5. Efficiently comprehend & design scientific documentation, write case studies, research projects, make presentations, and communicate
6. Develop specialized skills suitable for the associated industries, startups, entrepreneurship etc.
7. Judge and evaluate legal, ethical, social and business aspects of biochemistry-based products and services
8. Understand and commit to professional & research ethics, and responsibilities

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ELIGIBILITY & DURATION

POSTGRADUATE PROGRAMS

M.Sc.

Candidates holding B.Sc. in Microbiology / Industrial Microbiology / Medical Microbiology / Clinical Microbiology/ Biochemistry / B.Sc. MLT/ Biotechnology / Zoology / Botany / Chemistry / Genetics / B. Pharma / Life Sciences degree with minimum 50% marks (for SC/ST/OBC candidates minimum 45% marks) in above mentioned courses are eligible to apply.

2 YEARS

M.Sc.

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PROCESS

POSTGRADUATE DEGREE Master of Science in Biochemistry

Admissions will be made on the basis of marks obtained in graduation and personal counselling & interactions conducted by the University Admission Committee with the candidate

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EMPLOYMENT OPPORTUNITIES

Opportunities are available in:
Medical, Agriculture & Fisheries, Public Health
Care, Forensic Environment, Quality Control &
Safety, Diagnostics Research & Development Etc.

Organizations and companies dealing in medical
instruments, biotechnology, FMCG, research,
chemical manufacturing, health and beauty
care, etc.

Job Roles

Scientist, Research Scientist

Quality Control Officer

Research Fellow

Production Executive, etc.

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SCHOLARSHIPS

Merit Scholarship

Upto 100% of Tuition Fee

Merit cum Means Scholarship

Upto 50% of Tuition Fee

Special Scholarship

Upto 100% of Tuition Fee for

- Ward of Armed Forces / Para Military Forces / Police Force Personnel (Serving and Retired; Non- Commissioned Officers)
- Transgender Candidates
- Differently abled Candidates

Free-ship Scholarship

Completely free education for One Candidate in each academic program of the University who is an orphan / has no earning member in the family

Alumni Concession

Upto 25% of Tuition Fee

Domicile Concession

26% fee relaxation for the Students from Uttarakhand (Permanent Resident)

Interest Free Education Loan Facility

Reservation Policy as specified by the State Government

*Terms & Conditions Apply

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PLACEMENTS

Excellent links with industry and leading research institutions

Dedicated Placement Cell provides 'Summer Internship' and 100% placement support



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DEPARTMENT CONTACT



Established under Section 2(f)
of UGC Act 1956, enacted vide an Act of
Uttarakhand No. 12 of 2013

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