



# HIMALAYAN INSTITUTE OF MEDICAL SCIENCES (HIMS)

AT HIMALAYAN INSTITUTE OF MEDICAL SCIENCES WE EQUIP STUDENTS IN UNDERSTANDING OF ALL THE LIFE PROCESS SUCH AS CONTROL AND COORDINATION WITHIN A LIVING ORGANISM.

**M.Sc.** MEDICAL BIOCHEMISTRY



# FACULTY

Biochemistry HIMS teaching faculty has doctoral degrees and are research experts

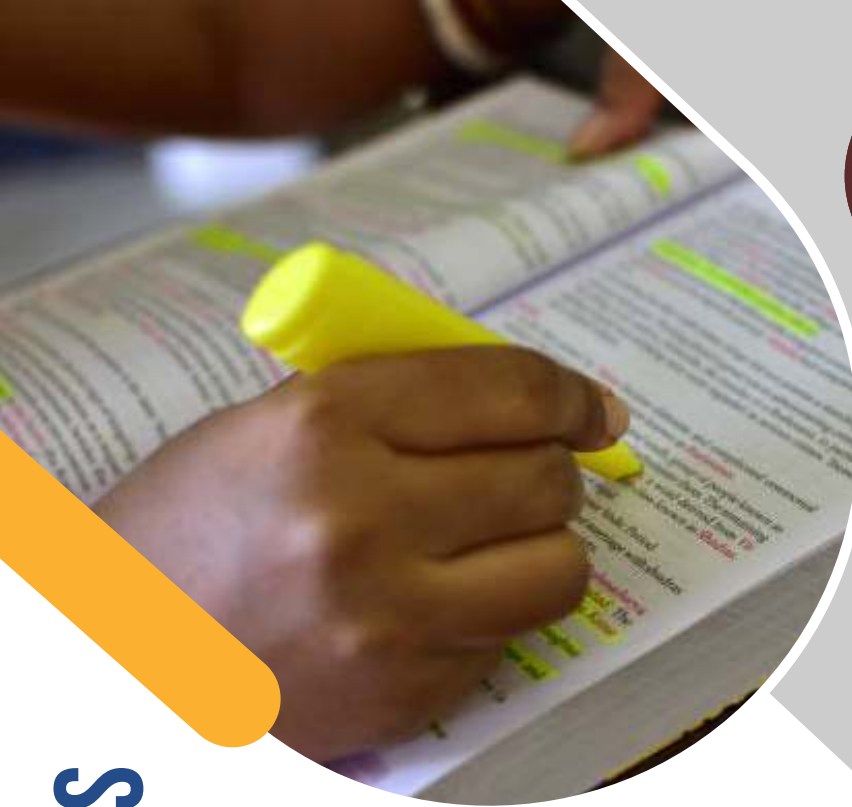
## Teaching and Training

1. Student-centric pedagogy that stimulates learning and deep understanding of the subject
2. Progressive & professionally recognized academic activities with emphasis on practical learning, innovation, skill development and exposure to the latest advancements in Bio chemistry
3. Lectures, tutorials and seminars, laboratory sessions, guest lectures by subject experts, workshops,, inter-disciplinary programs, projects, group activities, one-on-one discussions, leveraging multimedia and digital platforms
4. Hands-on experience in specialist labs, Lab rotation, conferences, seminars, special workshops, fundamental techniques applied in current research, research-based projects, assignments/field projects, and practical work
5. Oral examination gives the students the opportunity to demonstrate a broad understanding of the subjects and the ability to recognize interdisciplinary correlations between different topics. The thesis project work involves experimental work under the supervision of a faculty member of the Master program

# M.Sc.

## MEDICAL BIOCHEMISTRY





# HIGHLIGHTS

- Consistent exposure in frontier areas of Clinical and applied biochemistry
- Interactive and integrative learning
- Sophisticated and advanced instrumentation facility
- NABL Accredited Laboratory exposure
- NABH Accredited Hospital exposure

**M.Sc.**

MEDICAL BIOCHEMISTRY



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# POSTGRADUATE DEGREE

## Master of Science in Medical Biochemistry

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

1. Understand of all the life processes such as control and coordination within a living organism
2. Effectively contribute as an individual or team member in health and environmental sustainability
3. Recognize the significance of Biochemistry in Human Health and Disease.
4. Efficiently comprehend & design scientific documentation, write case studies, research projects, make presentation, and communicate
5. Develop professional skills suitable for the associated industries, startups, entrepreneurship, colleges etc.
6. Understand and commit to professional , research ethics and responsibilities
7. Explain the principles of various conventional and specialized laboratory investigations and instrumentation analysis
8. Make use of conventional techniques/instruments to perform biochemical analysis relevant to clinical screening and diagnosis
9. Acquire extensive research experience and develop deep understanding in the specialist area of Biochemistry and broad understanding of clinical and molecular biochemistry

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# ELIGIBILITY & DURATION

## POSTGRADUATE PROGRAMS

M.Sc.

Passed MBBS/ BAMS/ BDS/ BPT/ B.Sc. Nursing/  
B.V.Sc./ B.Sc. MLT/ B.Sc. with Chemistry as one  
of the subject and minimum 55% marks,  
except for MBBS program.

**2** YEARS  
(4 SEMESTERS)

**M.Sc.**

MEDICAL BIOCHEMISTRY



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# PROCESS

## POSTGRADUATE PROGRAMS

### Master of Science in Medical Biochemistry

Selection will be made as per merit list prepared on the basis of marks secured in the qualifying examination and Counselling by Admission committee or as decided by University from time to time

# M.Sc.

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# EMPLOYMENT OPPORTUNITIES

MSc Biochemistry offers a fast-paced interactive network with job opportunities all across the world at various levels

- Biotechnologist
- Biochemist
- Geneticist
- Research Scientist
- Clinical Scientist
- Biomedical Scientist
- Research Associates
- Laboratory Technician
- Quality Control Manager
- Post-doctoral fellowships
- Academicians
- Health care centers and Clinical Laboratories
- Join in as scientific writers in life science companies
- Medical transcriptionists
- Clinical trial and drug designing

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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 Candidates 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

# **M.Sc.**

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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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