



# HIMALAYAN SCHOOL OF BIO SCIENCES (HSBS)

At HSBS, we enable you as the next generation scientist with knowledge and analytical & research skills covering all forms of life.

**M.Sc.**  
**Master of Science in**  
**Microbiology**



[www.srhu.edu.in](http://www.srhu.edu.in)



## 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 Microbiology



# FACULTY



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

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# PLACEMENTS



Excellent links with industry and leading research institutions.

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

**Highest package INR 5 Lakhs p.a.**



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# HIGHLIGHTS

1

Consistent exposure in frontier areas of applied biosciences

2

Interactive and integrative learning

3

Sophisticated and advanced instrumentation facility

4

100% summer training assignments

5

Industry-academia interface



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# SPECIALIZATION



- Medical microbiology
- Environmental microbiology
- Industrial microbiology
- Food dairy & agriculture microbiology

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# POSTGRADUATE DEGREE



## Master of Science in Microbiology

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

1. Understand and apply biomolecular knowledge and analytical skills at an advanced level
2. Acquire extensive research experience and develop deep understanding in the specialist area of microbiology and broad understanding of molecular biosciences
3. Effectively contribute as an individual or team member in R&D, food biosecurity, health, and environmental sustainability
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 etc.
6. Understand and commit to professional & research ethics, and responsibilities

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# EMPLOYMENT OPPORTUNITIES

Opportunities are available in pharmacy, medicine, clinical research, agriculture, food, nanotechnology, and biochemical technology.

Industries / sectors dealing in cosmetics & toiletries, food & beverage production, pharmaceutical industries, hospitality, Government legal bodies i.e. public health, grant management, military, research & development etc.

### Job Roles

Quality Control Officers

Quality Assurance Officers (Microbiology)

Safety Officers

Scientists

Academicians

Journal Editorial Staff / Science Writers

Food Safety & Sanitary Officers



C



HSBS students have earned scholarships for higher studies in BARC Mumbai, IISc Bangalore, Indian Institute of Toxicology Research (IITR), Lucknow and DRDO

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# ELIGIBILITY & DURATION



Candidate must be  
B. Sc. (Botany, Zoology  
and Chemistry)

or

B. Sc. (Microbiology / Medical  
Microbiology / Biotechnology /  
Genetics / Industrial Microbiology)

or

B. Sc. MLT with minimum 50%  
as aggregate.

## 2 years



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# PROCESSES



## POSTGRADUATE DEGREE

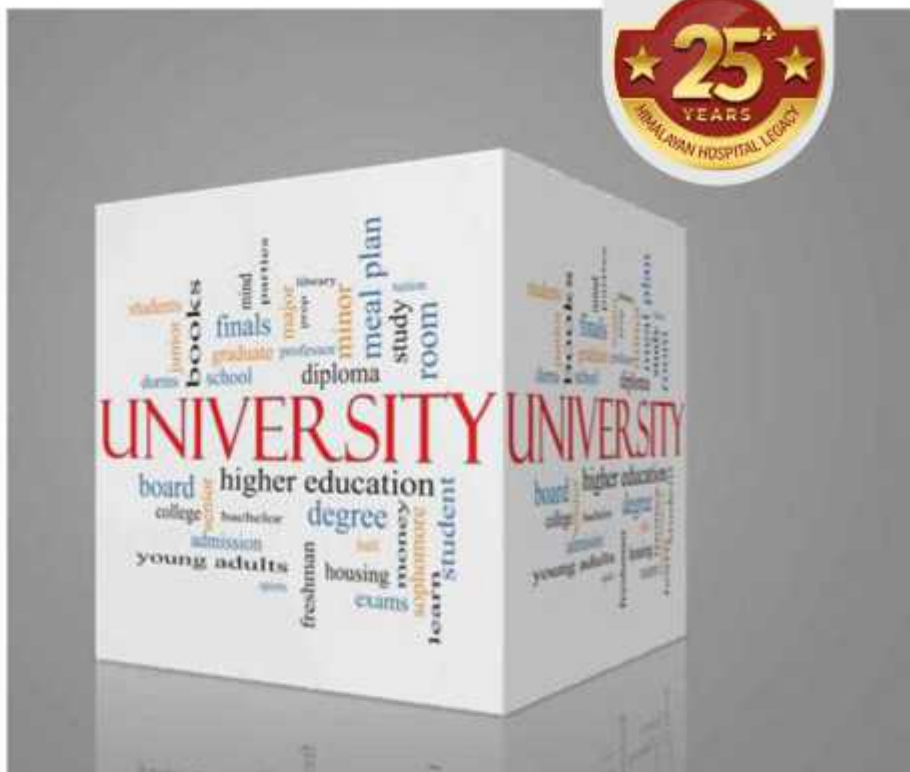
### Master of Science in Microbiology

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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# FREE STRUCTURE



## Master of Science in Microbiology

Fee Category	Program	Fee*(₹)
Tuition Fee (Per Semester)	Regular-AIC	45,000
	Regular-PRU	33,300
Admission fee	One Time, at the beginning	10,000
Enrollment Fee		1,000
Refundable Security		20,000
Examination fee (Per University Exam)*	Regular	7,500
Supplementary Exam fee (Per Course)*		2,500
Convocation Fee	One Time, Pre Final Semester	2,000
Vaccination Charges (if not vaccinated)	One Time, at the beginning	1,500

AIC - All India Category | PRU - Permanent Resident of Uttarakhand

\*Fee is subject to revision

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# SCHOLARSHIPS



- 1 Merit Scholarship**  
Upto 100% of Tuition fee
- 2 Merit cum Means Scholarship**  
Upto 50% of Tuition fee
- 3 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 Candidate
  - Differently abled Candidate
- 4 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.
- 5 Alumni concession**  
Upto 25% of Tuition fee
- 6** 26% fee relaxation for students from Uttarakhand (Permanent resident)
- 7** Interest free Education Loan facility.

\*Terms & Conditions Apply

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Uttarakhand No. 12 of 2013.

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