



# 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.

**B.Sc. (Hons.)**  
**Bachelor of Science (Hons.)**  
**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.



- 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
- Emphasis on practical learning, innovation, skill development and exposure to the latest advancements in Bio Sciences

# B.Sc. (Hons.)

## Bachelor of Science (Hons.) 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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## Bachelor of Science (Hons.) in Microbiology

**With this B.Sc. (Hons.) program, you will be able to:**

1. Understand the fundamentals and application of scientific concepts and methods of microbiology
2. Acquire knowledge of microorganisms and translate the basics & current updates of microbiology into contemporary global issues
3. Investigate, record and analyze data, critically evaluate information, undertake practical laboratory investigation and apply scientific thought on biological problems
4. Effectively contribute as an individual or team member of healthcare delivery system and in managing infectious diseases
5. Conduct research and development leveraging knowledge of microbial, molecular and cellular processes and its application
6. Efficiently comprehend & design scientific documentation, write case studies, research projects, make presentation, and communicate
7. Pursue higher studies in diverse areas of biological sciences or benefit from the opportunities created through entrepreneurship, and startups
8. Understand and commit to professional & research ethics, and responsibilities

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# EMPLOYMENT OPPORTUNITIES



Opportunities are available in government, agriculture, aquaculture sector, chemical & pharmaceutical firms, research labs, FMCG etc.

## Job Roles

Calibration Technician

Research Assistant

Research Analyst

Scientific Laboratory Technician

Food / Industrial / Environmental Microbiologists

Quality Assurance Technologists

Medical Technologists etc.



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 have passed 10+2 (Class XII) or its equivalent examination from a recognized Board in the subjects with a minimum aggregate of 50% marks in Physics, Chemistry & Biology.

**3** years  
(6 semesters)



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# PROCESSES



## UNDERGRADUATE DEGREE

### **Bachelor of Science (Hons.) in Microbiology**

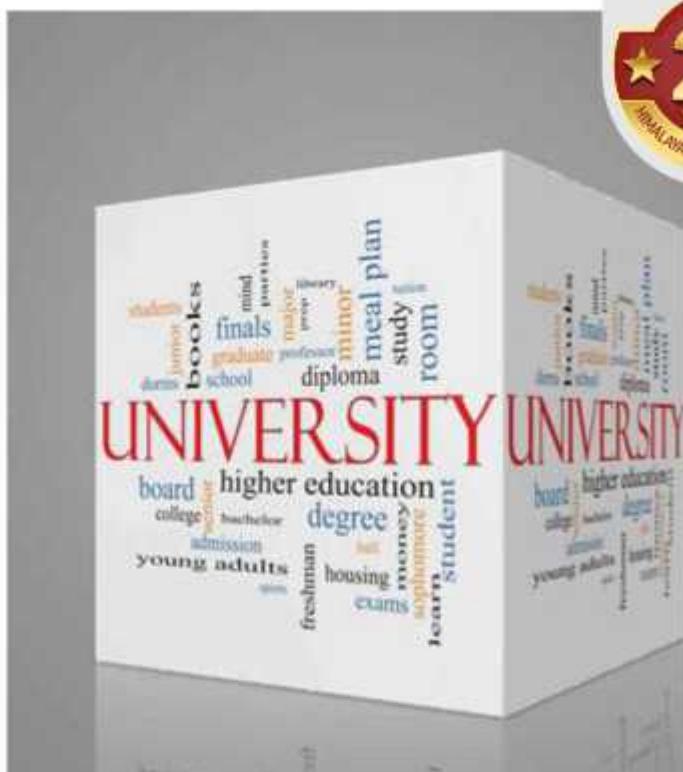
Admissions will be made on the basis of marks obtained in 10+2 (Class XII) and personal counselling & interactions conducted by the University Admission Committee with the candidate.

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# FEE STRUCTURE



## B.Sc. (Hons.) Microbiology

Fee Category	Program	Fee*(₹)
Tuition Fee (Per Semester)	Regular-AIC	35,000
	Regular-PRU	25,900
Admission fee	One Time, at the beginning	7,500
Enrollment Fee		1,000
Refundable Security		10,000
Examination fee (Per University Exam)*	Regular	5,000
Supplementary Exam fee (Per Course)*		1,000
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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# DEPARTMENT CONTACT



**0135-2471135,  
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of UGC Act 1956, enacted vide an Act of  
Uttarakhand No. 12 of 2013.

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