

B. Sc. (Micro- Biology)

Eligibility

- A candidate for being eligible for admission to the Degree course in B.Sc. shall have passed XII std. Examination of the Maharashtra Board of Higher Education or its equivalent with mathematics as one of the subjects.
Every candidate admitted to the degree course in the constituent/affiliated/recognised institution conducting the course, shall have to register himself/herself with the University.

Passing Standards

- The passing standards and ATKT rules will be same as for other subjects offered at the B.Sc. degree examinations.
Bachelor of Science (B.Sc.) Degree course with Microbiology will have same as anyone of the other subject that are offered at the B.Sc. degree course.

Fees Structure

	F.Y.	S.Y.	T.Y.
Total	13,900	15,480	16,850

🔍 Courses Structure

	First Semester
USFC101	Foundation Course - I
USBT101	Microbiology – I (Fundamentals of Microbiology)
USBT102	Microbiology – II (Applied Microbiology)
USBTP1	Microbiology Practical
USZO101	Zoology – I (Wonders of Animal World, Biodiversity & Its Conservation)
USZO102	Zoology – II (Instrumentation and Animal Biotechnology)
USZOP1	Zoology Practical
USCH101	Chemistry – I (Physical and Analytical Chemistry)
USCH102	Chemistry – II (Inorganic and Organic Chemistry)
USCHP1	Chemistry Practical
	Second Semester
USFC201	Foundation Course - II
USBT201	Microbiology – I (Fundamentals of Microbiology)
USBT202	Microbiology – II (Applied Microbiology)
USBTP2	Microbiology Practical
USZO201	Zoology – I (Ecology and Wildlife Management)
USZO202	Zoology – II (Nutrition, Public Health and Hygiene)
USZOP2	Zoology Practical
USCH201	Chemistry – I (Physical and Analytical Chemistry)
USCH202	Chemistry – II (Inorganic and Organic Chemistry)
USCHP2	Chemistry Practical

Third Semester	
USFC301	Foundation Course - III
USBT301	Microbiology – I (Microbial Diversity, Microbial Taxonomy & Instrumentation)
USBT302	Microbiology – II (Environmental Microbiology)
USBT303	Microbiology – III (Metabolism & Biology of Macromolecules)
USBTP3	Microbiology Practical
USCH301	Chemistry – I (Physical and Analytical Chemistry)
USCH302	Chemistry – II (Inorganic and Organic Chemistry)
USCH303	Chemistry – III (Environmental Chemistry)
USCHP3	Chemistry Practical
Fourth Semester	
USFC401	Foundation Course - IV
USBT401	Microbiology – I ((Medical Microbiology & Immunology)
USBT402	Microbiology – II (Industrial, Food & Dairy Microbiology)
USBT403	Microbiology – III (Molecular Biology & Enzymology)
USBTP4	Microbiology Practical
USCH401	Chemistry – I (Physical and Analytical Chemistry)
USCH402	Chemistry – II (Inorganic and Organic Chemistry)
USCH403	Chemistry – III (Environmental Chemistry)
USCHP4	Chemistry Practical

Fifth Semester	
USMB501	Microbial Genetics
USMB502	Medical Microbiology & Immunology
USMB503	Microbial Biochemistry
USMB504	Bioprocess Technology
USACFP501	Food Production & Processing (General Principles)
USMBP05	Practical - Medical Microbiology & Immunology
USMBP05	Practical - Microbial Genetics
USMBP06	Practical - Bioprocess Technology
USMBP06	Practical - Microbial Biochemistry
USACFP5P1	Practical - Food Production & Processing (General Principles)
Sixth Semester	
USMB601	RDNA Technology, Bioinformatics & Virology
USMB602	Medical Microbiology & Immunology
USMB603	Microbial Biochemistry
USMB604	Bioprocess Technology
USACFP601	Food Production & Processing (Applications & Q.A)
USMBP07	Practical - Medical Microbiology & Immunology
USMBP07	Practical - RDNA Technology, Bioinformatics & Virology
USMBP08	Practical - Bioprocess Technology
USMBP08	Practical - Microbial Biochemistry
USACFP6P1	Practical - Food Production & Processing (Applications & Q.A)