

B. Sc. (Biotechnology)

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 Biotechnology will have same as anyone of the other subject that are offered at the B. Sc. degree course.

Year	Class	Theory	Marks	Practicals	Marks
First	F.Y.B.Sc	Paper-I	75	I	25
		Paper-II	75	II	25
Second	S.Y.B.Sc	Paper-I	75	I	25
		Paper-II	75	II	25
		Paper-III	75	III	25
Third	T.Y.B.Sc	Paper-I	75	I	25
		Paper-II	75	II	25
		Paper-III	75	III	25
		Paper-IV	75	IV	25

Fees Structure

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

← Courses Structure

- **F.Y.B.Sc.** - 2 Units (2 papers) of Biotechnology, 2 units (papers) of Zoology & 2 units (papers) of Chemistry. Students will be required to take Biotechnology and any two of the following subjects Physics, Botany, Zoology, Life Science, Biochemistry, Chemistry or Microbiology and Foundation Course

S.Y.B.Sc. - 3 Units (papers) of Biotechnology & 3 units (papers) of Zoology. Students will offer the same Biotechnology along with anyone of the subjects selected by them at F.Y.B.Sc level and Foundation Course Paper 11

T.Y.B.Sc. - 4 Units (papers) of Biotechnology & units (papers) of Applied Components (Food Technology) Students will offer the same subjects as selected by them at the S.Y.B.Sc level along with relevant subject related Applied Component.

Intake Capacity-

The intake capacity at the F.Y.B.Sc level will be 35 students and the batch size for practicals will be as per the norms of Biological Subjects as laid down by University of Mumbai.

Paper-I. No. of lectures - 75-

Introduction to Biotechnology. Microbiology and Genetics.

Unit -I Concepts of Biotechnology - No. of Lectures-25.

Unit - II Microbiology No.- of Lectures -25.

Unit - III Genetics - No. of Lectures-25.

Paper-II. No. of Lectures - 75-

Cellbiology. Biomolecules and Biomathematics

Unit - I Cell Structure and Organisation. 25.

Unit - II Biomolecules - No. of Lecture- 25.

Unit - III Biomathematics And Biostatistics.- No of Lectures -25.