

## Degree: Bachelor of Science in Botany

**Duration: 3 Academic Years (6 Semesters)**

Eligibility: A candidate for being eligible for admission to the three years integrated course leading to the degree of Bachelor of Science (B.Sc.) must have passed Higher Secondary School Certificate Examination (Std. XII) in Science stream conducted by the Maharashtra State Board of Secondary and Higher Secondary Education.

Above needs to be confirmed

**Intake Capacity: 120/Div**

**Syllabus:**

**FY Old Syllabus (Mentioned in Table) and FY New Syllabus link is:**

<https://mu.ac.in/syllabus-of-nep-2020/syllabus-of-nep-2020-ug-programme>

FYBSc			
Semester I		Semester II	
USBO101	Plant Diversity I	USBO201	Plant Diversity Ii
USBOP101	Practical Plant Diversity I	USBOP201	Practical Paper I – Plant Diversity II
USBO102	Form and Function I	USBO202	Form and Function II
USBOP102	Practical Form and Function I	USBOP202	PRACTICAL Paper II – Form and Function I

S.Y.B.Sc. Botany			
Semester III		Semester IV	
USBO30 1	Plant Diversity II	USBO401	Plant Diversity II
USBOP3	Paper I – Plant Diversity II	USBOP4	Practical Paper I – Plant Diversity II
USBO30 2	Form and Function II	USBO402	Form and Function II

USBOP3	Paper II – FORM AND FUNCTION- II	USBOP4	PRACTICALS Paper II – FORM AND FUNCTION- II
USBO30 3	CURRENT TRENDS IN PLANT SCIENCES I	USBO40 3	CURRENT TRENDS IN PLANT SCIENCES I
USBOP3	Paper III CURRENT TRENDS IN PLANT SCIENCES I	USBOP4	PRACTICALS - Paper III – CURRENT TRENTS IN PLANT SCIENCES

**T.Y.B.Sc. Botany**

Semester V		Semester VI	
USBO501	PLANT DIVERSITY III	USBO601	PLANT DIVERSITY III
USBOP501	PRACTICAL PAPER I–PLANT DIVERSITY III	USBOP601	PRACTICAL PAPER I–PLANT DIVERSITY III
USBO502	PLANT DIVERSITY IV	USBO602	PLANT DIVERSITY IV
USBOP502	PRACTICAL PAPER II–PLANT DIVERSITY IV	USBOP602	PRACTICAL PAPER II–PLANT DIVERSITY IV
USBO503	FORM AND FUNCTION III	USBO603	FORM AND FUNCTION III
USBOP503	PRACTICAL –PAPER III FORM AND FUNCTION II	USBOP603	PRACTICAL PAPER III–FORM AND FUNCTION III
USBO504	CURRENT TRENDS IN PLANT SCIENCES II	USBO604	CURRENT TRENDS IN PLANT SCIENCES II
USBOP504	PRACTICAL – PAPER IV CURRENT TRENDS IN PLANT SCIENCES II	USBOP604	PRACTICAL PAPER IV CURRENT TRENDS IN PLANT SCIENCES
USACHO501	HORTICULTURE & GARDENING -I	USACHO601	HORTICULTURE & GARDENING - II
USACHO5P1	Practicals based on theory	USBO6P1	Practicals based on theory

**Scope after B.Sc. Botany:** M.Sc. in Botany and allied specialisations (M.Sc. Biotechnology/ Environmental Science/ Bioanalytical science/ Molecular Biology/ Mycology and Plant pathology, etc.), **M.Phil, Ph.D**, Academics, Research & Development, Research Project Assistant, Horticulturist, Startup's, Teaching, Industries - Pharmaceuticals, Perfumery, Drugs and Dyes, Detergent, Bakery and Brewery, Herbal, Food processing, Bioenergy, Biofuel, Mushroom, Government Exams: IFoS, IPS, IAS, Agricultural Research Institutes: Agharkar Research Institute, Forest Research Institute, Landscape Designing, Taxonomist, Curator, FSSAI : Food Analyst