

FACULTY OF SCIENCE AND TECHNOLOGY - M.Sc. BOTANY (PG) PROGRAM
NEP 2020 SEMESTER PATTERN

SEM- I

Major Subject (Mandatory)

01. General Microbiology, Phycology and Mycology
02. Bryophytes & Pteridophytes
03. Gymnosperm & Paleobotany

Major Elective (Any one)

01. Molecular Biology and Plant Biotechnology – I
02. Reproductive Biology of Angiosperms - I
03. Paleobotany – I
04. Advanced Phycology - I
05. Mycology Plant Pathology – I

Compulsory Paper (RM)

01. Research Methodology

SEM- II

Major Subject (Mandatory)

01. Plant Physiology
02. Plant Development and Embryology
03. Angiosperm - I

Major Elective (Any one)

01. Molecular Biology and Plant Biotechnology – II
02. Reproductive Biology of Angiosperms - II
03. Paleobotany – II
04. Advanced Phycology - II
05. Mycology Plant Pathology – II

Compulsory Paper (RM)

01. On Job Training or Field Work

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SEM- III

Core (DSC) (Mandatory)

01. Angiosperms – II – B1
02. Cytology and Genetics – B2
03. Plant Biochemistry – B3

Major Elective (DSE - Any one)

01. Molecular Biology and Plant Biotechnology – III
02. Reproductive Biology of Angiosperms - III
03. Paleobotany – III
04. Advanced Phycology - III
05. Mycology Plant Pathology - III

Compulsory Paper (RM)

01. Research Project

SEM- IV

Core (DSC) (Mandatory)

01. Plant Ecology – B1
02. Plant Biotechnology – B2
03. Plant Breeding and Biostatistics – B3

Major Elective (DSE - Any one)

01. Molecular Biology and Plant Biotechnology - IV
02. Reproductive Biology of Angiosperms - IV
03. Paleobotany – III
04. Advanced Phycology - IV
05. Mycology Plant Pathology - IV

Compulsory Paper (RM)

01. Research Project