

Board of Studies in Botany
Savitribai Phule Pune University
Equivalence for First, Second and Third Year B.Sc. (BOTANY)

Old Course (2013 Pattern)	New Course (2019 CBCS Pattern)
F.Y.B.Sc.	
Semester-I	Semester-I
Fundamentals of Botany: Paper I: Plant Diversity	BO 111 Plant life and utilization I
Botany Theory Paper II: Industrial Botany	BO 112 Plant morphology and Anatomy
Semester-II	Semester-II
Fundamentals of Botany: Paper-I: Morphology and Anatomy	BO 121 Plant life and utilization II
Botany Theory Paper-II: Industrial Botany	BO 122 Principles of plant science
Botany Practical Paper-III based on Theory Paper I and Paper II	BO 113 Practical based on BO 111 & BO 112 BO 123 Practical based on BO 121 & BO 122
S.Y.B.Sc.	
Old Course (2014 Pattern)	New Course (2020 CBCS Pattern)
Semester-III	Semester-III
BO-211: Taxonomy of Angiosperms and Plant community	BO 231: Taxonomy of Angiosperms and Plant Ecology
BO-212: Plant Physiology	BO 232: Plant Physiology
Semester-IV	Semester-IV
BO-221: Plant Anatomy and Embryology	BO 241: Plant Anatomy and Embryology
BO-222: Plant Biotechnology	BO 242: Plant Biotechnology
Practical based on Theory courses (Paper I and Paper II)	BO 233: Practical based on BO 231 & BO 232 BO 243: Practical based on BO 241 & BO 242
T.Y.B.Sc.	
Old Course (2015 Pattern)	New Course (2020 CBCS Pattern)
Semester V	Semester V
BO. 331 Cryptogamic Botany	BO 351 Algae and Fungi
BO. 332 Cell and Molecular Biology	BO 352 Archegoniate
BO. 333 Genetics and Evolution	BO 353 Spermatophyta and Paleobotany
BO. 334 Spermatophyta and Palaeobotany	BO 354 Plant Ecology
BO. 335 Horticulture and Floriculture	BO 355 Cell and Molecular Biology
BO. 336 Computational Botany	BO 356 Genetics
	BO 357 Practical based on BO 351 & BO 352
	BO 358 Practical based on BO 353 & BO 354
	BO 359 Practical based on BO 355 & BO 356
	-- BO 3510 Medicinal Botany
	-- BO 3511 Plant Diversity and Human Health

Old Course (2013 Pattern)	New Course (2019 CBCS Pattern)
Semester VI	Semester VI
BO.341 Plant Physiology and Biochemistry	BO 361 Plant Physiology and Metabolism
BO.342 Plant Ecology and Biodiversity	BO 362 Biochemistry
BO.34 Plant Pathology	BO 363 Plant Pathology
BO.344 Medicinal and Economic Botany	BO 364 Evolution and population genetics
BO.345 Plant Biotechnology	BO 365 Advanced Plant Biotechnology
BO.346 Plant Breeding and Seed Technology	BO 366 Plant Breeding and Seed Technology
BO 347: Based on BO 331, BO 332, BO 341, BO 345	BO 366 Practical based on BO 361 & BO 362
BO 348: Based on BO 333, BO 334, BO 342, BO 346	BO 367 Practical based on BO 361 & BO 362
BO 349: Based on BO 335, BO 336, BO 343, BO 344:	BO 368 Practical based on BO 361 & BO 362
	-- BO 3610 Nursery and Gardening Management
	-- BO 3611 Biofertilizers

Chairman,
BOS in Botany