

Curriculum for B.Sc. (Biosciences) Program

Semester : 1 Minimum Semester Credit Required :33 Cumulative Semester Credit Required : 33				
Course Code	Subject No.	Subject Name	L-T-P	Credits
BIO-101		Mathematics for Biologists	3-0-0	3
BIO-102		Biodiversity-1 (Plants)	3-0-0	3
BIO-103		Biodiversity-2 (Animal)	3-0-0	3
BIO-104		English for Scientists	3-0-0	3
BIO-105		Cell Biology-1	3-0-0	3
BIO-100L-I		Laboratory	0-0-18	3
		Total	15-0-18	33
Semester : 2 Minimum Semester Credit Required :33 Cumulative Semester Credit Required : 66				
Course Code	Subject No.	Subject Name	L-T-P	Credits
BIO-106		Chemistry for Biologists (Physical and Inorganic)	3-0-0	3
BIO-107		Regional Language/Sanskrit	3-0-0	3
BIO-108		Environmental Science	3-0-0	3
BIO-109		Genetics	3-0-0	3
BIO-1 10		Plant Anatomy	3-0-0	3
BIO-100L-II		Laboratory Course	0-0-18	18
		Total	15-0-18	33

Semester : 3 Minimum Semester Credit Required :66 Cumulative Semester Credit Required : 99				
Course Code	Subject No.	Subject Name	L-T-P	Credits
BIO-201		Physics for biologists – I	3-0-0	3
BIO-202		Biodiversity-3 (Microbial)	3-0-0	3
BIO-203		Microbiology	3-0-0	3
BIO-204		Biostatistics	3-0-0	3
BIO-205		Ecology	3-0-0	3
BIO-200L-I		Laboratory Courses (Includes 3 credits for Seminars/assignments)	0-0-18	3
		Total	15-0-18	33
Semester : 4 Minimum Semester Credit Required :99 Cumulative Semester Credit Required : 132				
Course Code	Subject No.	Subject Name	L-T-P	Credits
BIO-206		Physics for Biologists-II	3-0-0	3
BIO-207		Chemistry for Biologists (Organic)	3-0-0	3
BIO-208		Plant Physiology	3-0-0	3
BIO-209		Biodiversity-4 (Conservation)	3-0-0	3
BIO-210		Plant Development	3-0-0	3
BIO-200L-II		Laboratory Course (Includes 3 credits for Seminars/ assignments)	0-0-18	18
		Total	15-0-18	33

Semester : 5 Minimum Semester Credit Required :132 Cumulative Semester Credit Required : 165				
Course Code	Subject No.	Subject Name	L-T-P	Credits

BIO-301		Biophysics-III	3-0-0	3
BIO-302		Animal Physiology	3-0-0	3
BIO-303		Animal Development	3-0-0	3
BIO-304		Computer Applications	3-0-0	3
BIO-305		Evolution	3-0-0	3
BIO-300L-I		Laboratory Courses Seminars/assignments) (Includes 3 credits for	0-0-18	3
		Total	15-0-18	33
Semester : 6 Minimum Semester Credit Required :165 Cumulative Semester Credit Required : 198				
Course Code	Subject No.	Subject Name	L-T-P	Credits
BIO-306		Biochemistry	3-0-0	3
BIO-307		Science & Society (History of Sciences, Ethics, Regulations & IPR)	3-0-0	3
BIO-308		Molecular Biology	3-0-0	3
BIO-309		Applied Biology (Optionals Epigenetics; Aquaculture; Sericulture; Plant Tissue Culture, Vermi culture)	3-0-0	3
BIO-310		Tissue Biology	3-0-0	3
BIO-300L-II		Laboratory Course (Includes 3 credits for Seminars/ assignments)	0-0-18	18
		Total	15-0-18	33