

	Total	24	19.2	20			8	315	-	-	135	-		450	-			
<u>B. Sc. – I Biotechnology(Entire) C B C S PATTERN (2018-19)</u> Semester-II(duration 6 months)																		
S.No	Course Name	Theory			Practical			Theory			Internal			Total		Total		
		No.of lecture	Hours	Credits	No. of Lectures	Hours	Credits	Max.	Min.	Hours	Max.	Min.	Hours	Max.	Min.	Max.	Min.	Hours.
1	DSC-B-Chemistry	2.5	2	2	4***	3.2***	2***	35	12	2	15	06	0.5	50	18	Practical structure is separately enclosed.		
2	DSC-B-Biochemistry	2.5	2	2				35	12	2	15	06	0.5	50	18			
3	DSC-B-Animal Science	2.5	2	2	* 4	* 3.2	* 2	35	12	2	15	06	0.5	50	18			
4	DSC-B-BioStatistics	2.5	2	2	4**	3.2**	2**	35	12	2	15	06	0.5	50	18			
5	DSC-B-Computer	2.5	2	2				35	12	2	15	06	0.5	50	18			
6	DSC-A-Cell Biology	2.5	2	2	-	-	-	35	12	2	15	06	0.5	50	18			
7	DSC-B-Microbiology	2.5	2	2	4#	3.2#	2#	35	12	2	15	06	0.5	50	18			
8	DSC-B-Devp Bio	2.5	2	2				35	12	2	15	06	0.5	50	18			
9	AECC-1B	4	3.2	2	-	-	-	35	12	2	15	06	0.5	50	18			
	Total	24	19.2	20			8	315	-	-	135	-	-	450		200	-	-

	Grand Total	48	38.4	40			16							900				
--	-------------	----	------	----	--	--	----	--	--	--	--	--	--	-----	--	--	--	--

<u>Sr. No</u>	<u>Course Name</u>	<u>Practical</u>		
		Max.	Min.	Hours.
1	Practical-I ---Techniques in Chemistry and Biochemistry	50	18	3.2
2	Practical-II--- Laboratory Exercise in Microbiology and Instrumentation	50	18	3.2
3	Practical-III --Laboratory Exercise in Plant Science and Animal Science	50	18	3.2
4	Practical-IV –Techniques in Biotech fr Human welfare &Methods in Biostatistics ,Computer application in Biotechnology	50	18	3.2

*** Indicates the practical of Plant Science and Animal Science is combined - Total credit = 4**

**** Indicates the practical of Mathematics, Statistics and Computer Science is combined – Total credit = 4**

***** Indicates the practical of Chemistry, and Biochemistry is combined – Total credit = 4**

Indicates the practical of Microbiology and Instrumentation is combined – Total credit = 4

• Student contact hours per week : 64 Hours (Min.)	• Total Marks for B.Sc.-I (Including English) : 1100
• Theory and Practical Lectures : 48 Minutes Each	• Total Credits for B.Sc.-I (Semester I & II) : 56
• AECC- Ability Enhancement Compulsory Course (1A & 1B)- English • DSC-Discipline specific core. (for Semester I--A and for semester II--B) • Course list as per enclosed Annexure. <i>Separate passing is mandatory for Theory, Internal and Practical.</i>	
• Practical Examination will be conducted annually for 50 Marks per DSC course (subject).	