

Swami Rama Himalayan University

School of Biosciences

Teaching & Evaluation Scheme

B.Sc. (H) Biotechnology/B.Sc Biotechnology with Research-(NEP2020) program, Semester-V

Academic Year-2024-25

Course Category	Code	Course name	Teaching				Assessment				Duration / Mode	Course Attributes								
			Hours/Periods/Credits				Sessional		End Semester	Total		Course Attributes							Sustainable Development Goals	
			L	T	P	C	SE I	SE II	ESE			Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics		
Theory																				
DSC	BBTC 501	Animal Biotechnology & Developmental Biology	3	1	0	4	15	15	70	100	3 h/Theory & 1 h tutorial	✓	✓		✓		✓	✓	3,4,9,12,15	
DCCT	BMBC 502	Food Fermentation Techniques	3	1	0	4	15	15	70	100	3 h/Theory & 1 h tutorial	✓	✓	✓			✓	✓	2,3,4,12	
DSC	BBTC 502	Industrial Biotechnology	3	1	0	4	15	15	70	100	3 h/Theory & 1 h tutorial	✓	✓	✓		✓		✓	3,7,9,12,132	
DSC	BBTC 503	Environmental Biotechnology	3	1	0	4	15	15	70	100	3 h/Theory & 1 h tutorial	✓	✓			✓	✓	✓	3,6,7,9,11,12,13,14,15	
		Elective-III Select any one	3	1	0	4	15	15	70	100	3 h/Theory & 1 h tutorial									
SE	BBTE 501 A	Genomics and Proteomics	3	1	0	4	15	15	70	100	3 h/Theory & 1 h tutorial	✓	✓				✓	✓	3,4,9,17	
SE	BBTE 501 B	Bioprocess Engineering	3	1	0	4	15	15	70	100	3 h/Theory & 1 h tutorial	✓	✓	✓			✓	✓	3,4,7,9,12,13	
SE	BBTE 501 C	Food Biotechnology	3	0	0	4	15	15	70	100	3 h/Theory	✓	✓	✓				✓	2,3,4,9,12,13	
Practical																				
Major Core	BBTP 501	Practical- IX (Paper XXIX & XXX)	0	0	8	4	15	15	70	100	8 h/Practical	✓	✓		✓	✓		✓	2,3,4,9,12,17	
	BBTP 502	Practical- X (Paper XXXI & XXXII)	0	0	8	4	15	15	70	100	8 h/Practical	✓	✓		✓	✓		✓	3,4,6,9,12,13,15	
Total Credits			15	5	16	28				700										
L – Lecture, T – Tutorial, P – Practical, C – Credit																				

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