



NAAC A+

Swami Rama Himalayan University

School of Biosciences

Teaching & Evaluation Scheme

B.Sc. (H) Microbiology/B.Sc Microbiology with Research-(NEP2020) program, Semester-I

			Teaching				Assessment						Course Attributes							Sustainable Development Goals	
			Hours/Periods/Credits		Total Credits	Sessional			End Semester												
Course Category	Code	Course name	L	T	P	C	SE I	SE II	DDA	ESE	Total	Duration / Mode									
Theory													Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics		
Major Core	BBTC 111	Biochemistry and Metabolism	3	0	0	3	25	25	50	100	200		3h/Theory			✓		✓	✓	✓	3,4,9,12
Major Core	BBTC 112	Cell Biology	3	0	0	3	25	25	50	100	200		3h/Theory	✓	✓	✓		✓	✓	3, 4, 9, 12, 17	
Minor Core	BMBC 111	General Microbiology	3	0	0	3	25	25	50	100	200		3h/Theory	✓	✓	✓		✓	✓	3,4,6,9, 12	
Open Elective (N*)		To be opted from the list	3	0	0	3	25	25	50	100	200		3h/Theory								
	BBTOE 111	Basic Bioinformatics-1	3	0	0	3	25	25	50	100	200		3h/Theory	✓	✓	✓		✓		3, 4, 12, 17	
	BBTOE 112	Principle of Management	3	0	0	3	25	25	50	100	200	3h/Theory	✓	✓		✓	✓	✓	4, 8, 9, 12, 16		
	BBTOE 113	Principle of Yoga	3	0	0	3	25	25	50	100	200	3h/Theory	✓	✓	✓	✓	✓	✓	3, 4, 11, 16		
Skill Enhancement	BMBS 111	Mushroom Farming	3	0	0	3	25	25	50	100	200	3h/Theory	✓		✓		✓	✓	1,2,3,4,8,9,12,13		
Ability Enhancement Course	AECC 111	Environmental Science-I	2	0	0	2	25	25	50	100	200	2h/Theory			✓		✓	✓	3, 4, 6, 7, 11, 12, 13, 15		
Practical																					
Major Core	BBTPC 111	Lab course based on course BBTC 111	0	0	2	1	25	25	50	100	200	2h/Practical	✓	✓	✓		✓	✓		3, 4, 9, 12	
Major Core	BBTPC 112	Lab course based on course BBTC 112	0	0	2	1	25	25	50	100	200	2h/Practical		✓	✓	✓	✓		✓	3, 4, 9, 12, 15	
Minor Core	BBTPC 113	Lab course based on course BMBC 111	0	0	2	1	25	25	50	100	200	2h/Practical	✓	✓	✓	✓	✓	✓	✓	3, 4, 6, 9, 12	
Total Credits			17	0	6	20					1800										

L – Lecture, T – Tutorial, P – Practical, C – Credit