

BACHELOR'S PROGRAMME WITH BIOTECHNOLOGY AS MAJOR SUBJECT

SEMESTER	COURSE CODE	TYPES OF COURSE	TITLE OF COURSE	CREDITS		
				THEORY 4	PRACTICAL 2	TUTORIAL/ INTERNSHIP
I	BTG 122J	MAJOR	Biomolecules: Structure and Function	4	2	
II	BTG 222J	MAJOR	Microbiology and Immunology	4	2	
III	BTG 322J	MAJOR	Molecular Cell Biology	4	2	
IV	BTG 422J1	COURSE TYPE-1	Biotechniques	3	1	
	BTG 422J2	COURSE TYPE-2	Molecular Biology	4	2	
	BTG 422J3	COURSE TYPE-3	Recombinant DNA Technology	4	2	
V	BTG 522J1	COURSE TYPE-1	Developmental and Systems Biology	3	1	
	BTG 522J2	COURSE TYPE-2	Animal Biotechnology	4	2	
	BTG 522J3	COURSE TYPE-3	Biostatistics and Bioinformatics	4		Internship: 2
VI	BTG 622J1	COURSE TYPE-1	Environmental Biotechnology	3	1	
	BTG 622J2	COURSE TYPE-2	Plant Biotechnology	4	2	
	BTG 622J3	COURSE TYPE-3	OMICS: Genomics, transcriptomics and proteomics	4	2	
VII	BTG 722J1	COURSE TYPE-1	Molecular Genetics and Epigenetics	3	1	
	BTG 722J2	COURSE TYPE-2	Bioprocess Engineering and Technology	4	2	
	BTG 722J3	COURSE TYPE-3	Molecular Diagnosis and Drug Design	4	2	
VIII (Hons with research)	BTG 822J1	COURSE TYPE-1	IPR, Bioethics and Biosafety	3	1	
	BTG 822JP	PROJECT	PROJECT	-	12	-
VIII (Hons)	BTG 822J1	COURSE TYPE-1	IPR, Bioethics and Biosafety	3	1	
	BTG 822J2	COURSE TYPE-1	Food Biotechnology and Nutrigenomics	4	2	
	BTG 822J3	COURSE TYPE-1	Cell Signaling and Cancer Biology	4	2	

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PROGRAMME LEARNING OUTCOMES OF THE MAJOR DISCIPLINE FROM 1st TO THE LAST SEMESTER:

SEMESTER	COURSE CODE	LEARNING OUTCOMES											
		A	B	C	D	E	F	G	H	I	J	K	L
I	BTG122J	✓	✓			✓		✓					
II	BTG222J	✓	✓	✓		✓			✓	✓			
III	BTG322J	✓	✓	✓		✓	✓	✓					
IV	BTG 422J1		✓	✓	✓	✓	✓	✓	✓	✓			
	BTG422J2	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	BTG422J3	✓	✓	✓	✓	✓	✓	✓	✓	✓			
V	BTG522J1	✓		✓		✓	✓						
	BTG522J2		✓	✓		✓		✓	✓				
	BTG522J3				✓	✓	✓	✓	✓				
VI	BTG622J1	✓	✓			✓			✓				
	BTG622J2		✓	✓		✓		✓	✓				
	BTG622J3		✓	✓	✓	✓	✓		✓	✓			
VII	BTG722J1	✓	✓	✓	✓	✓				✓			
	BTG722J2		✓	✓		✓			✓				
	BTG722J3		✓	✓	✓	✓	✓		✓	✓			
VIII (R)	BTG822J1			✓			✓	✓	✓	✓			
	BTG822JP												
VIII (H)	BTG822J1			✓			✓	✓	✓	✓			
	BTG822J2	✓	✓	✓	✓	✓	✓			✓			
	BTG822J3	✓	✓	✓		✓				✓			

(NOTE: IN THE ABOVE TABLE LEARNING OUTCOMES SHALL BE SPECIFIED IN PLACE OF A, B, C ... L etc. AND RELEVANT BOXES IN THE TABLE SHALL BE TICK MARKED)

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BACHELOR'S PROGRAMME WITH BIOTECHNOLOGY AS MINOR SUBJECT

SEMESTER	COURSE CODE	TYPES OF COURSE	TITLE OF COURSE	CREDITS		
				THEORY 4	PRACTICAL 2 or 0	TUTORIAL 0 or 2
I	BTG122N	MINOR	Biomolecules: Structure and Function	4	2	
II	BTG222N	MINOR	Microbiology and Immunology	4	2	
III	BTG322N	MINOR	Molecular Cell Biology	4	2	
IV	BTG422N	MINOR	Biotechniques	3	1	
V	BTG522N	MINOR	Developmental and Systems Biology	3	1	
VI	BTG622N	MINOR	Environmental Biotechnology	3	1	
VII	BTG722N	MINOR	Molecular Genetics and Epigenetics	3	1	
VIII	BTG822N	MINOR	IPR, Bioethics and Biosafety	3	1	

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PROGRAMME LEARNING OUTCOMES OF THE MINOR DISCIPLINE FROM 1st TO THE LAST SEMESTER:

SEMESTER	COURSE CODE	LEARNING OUTCOMES											
		A	B	C	D	E	F	G	H	I	J	K	L
I	BTG122J	✓	✓			✓		✓					
II	BTG222J	✓	✓	✓		✓			✓	✓			
III	BTG322J	✓	✓	✓		✓	✓	✓					
IV	BTG422N		✓	✓	✓	✓	✓	✓	✓	✓			
V	BTG522N	✓		✓		✓	✓						
VI	BTG622N	✓	✓			✓			✓				
VII	BTG722N	✓	✓	✓	✓	✓				✓			
VIII	BTG822N			✓			✓	✓	✓	✓			

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