

Semester wise Pattern for students admitted in the First Semester

Year	First Semester	U	Second Semester	U		
I	BIO G512	Molecular Mechanism of Gene Expression	5	BIO G513	Microbial & Fermentation Technology	5
	BIO G542	Advanced Cell and Molecular Biology	5	BIO G641	Cell & Tissue Culture Technology	4
	BIO G611	Environmental Biotechnology	5	BIO G643	Plant Biotechnology	5
	BITS G659	Technical Communication	4	BITS C620	Professional Practice I	3
II	BIO G 642	Experimental Techniques	5	BITS G629T	Dissertation	16
	BITS G 621	Professional Practice II Elective Elective	3 * *	Or BITS G639	Practice School	20

Semester wise Pattern for students admitted in the Second Semester

Year	First Semester	U	Second Semester	U		
I			BIO G513	Microbial & Fermentation Technology	5	
			BIO G641	Cell & Tissue Culture Technology	4	
			BIO G643	Plant Biotechnology	5	
			BITS G659	Technical Communication	4	
II	BIO G512	Molecular Mechanism of Gene Expression	5	BIO G542	Advanced Cell and Molecular Biology	5
	BIO G611	Environmental Biotechnology	5	BITS G 621	Professional Practice II Elective Elective	3 * *
	BIO G 642	Experimental Techniques	5			
	BITS C620	Professional Practice I	3			
III	BITS G629T	Dissertation	16			
	Or BITS G639	Practice School	20			

List of Electives for M.E. students

BENG G521	Bioinformatics
BIO C414	Genetic Engineering
BIO C421	Enzymology
BIO C441	Biochemical Engineering
BIO C451	Bioprocess Technology
BIO C461	Recombinant DNA Technology
BIO G522	Interferon Technology
BIO G532	Biostatistics and Biomodeling
BIO G612	Human Genetics

BIO	G631	Membrane and Liposome technology
BIO	G632	Transgenic Technology
BIO	G651	Protein and Enzyme Bioengineering
BIO	G661	Gene Toxicology
BIO	G671	Bioconversion Technology