

Course Structure for B.Tech in Biotechnology Program

Semester I

Sem	Category	Code	Course Name	L	T	P	C	Hrs/W
I	BSC	23MA101T	Mathematics I for Biotechnology	3	1	0	4	4
	ESC	20CH101T	Engineering Chemistry	3	0	0	3	3
	ESC	20CH101P	Engineering Chemistry - Lab.	0	0	2	1	2
	ESC	20ME102T	Elements of Mechanical Engineering	3	0	0	3	3
	ESC	20ME102P	Elements of Mechanical Engineering - Lab.	0	0	2	1	2
	BSC	20IC101T	Basic Electronics	2	0	0	2	2
	BSC	20IC101P	Basic Electronics - Lab.	0	0	2	1	2
	ESC	20ME101P	Engineering Graphics - Lab.	0	0	4	2	4
	ESC	20CP101T	Programming with C	1	0	0	1	1
	ESC	20CP101P	Programming with C - Lab.	0	0	2	1	2
	HSC	20HS102T	Environmental Studies	3	0	0	3	3
	HSC	16SP101	NCC - I	0	0	2	1	2
		16SP102	NSS - I					
		16SP103	Sports - I					

Semester II

Sem	Category	Code	Course Name	L	T	P	C	Hrs/W
II	BSC	23MA102T	Mathematics II for Biotechnology	3	1	0	4	4
	BSC	23BIO101T	Fundamentals of Life Sciences	3	0	0	0	3
	BSC	20CE101T	Elements of Civil Engineering & Solid Mechanics	4	0	0	4	4
	BSC	20CE101P	Elements of Civil Engineering & Solid Mechanics - Lab.	0	0	2	1	2
	ESC	20EE101T	Elements of Electrical Engineering	3	0	0	3	3
	ESC	20EE101P	Elements of Electrical Engineering - Lab.	0	0	2	1	2
	ESC	22PH101T	Engineering Physics	3	0	0	3	3
	ESC	22PH101P	Engineering Physics - Lab.	0	0	2	1	2
	ESC	16ME103P	Workshop Practice	0	0	2	1	2
	ESC	20CP102P	Fundamentals of Python Programming	0	0	2	1	2
	HSC	20HS101P	Communication Skills - I	0	0	2	1	2
	HSC	16HS109T	Professional Ethics & Human Values	1	0	0	1	1
	HSC	16SP101	NCC - II	0	0	2	1	2
		16SP102	NSS - II					
		16SP103	Sports - II					
	HSC	20TP110	Civic Services & Social Internship	0	0	0	1	0