

Glocal School of Science											
Program Structure (w.e.f. 2023-24)											
B.Sc. (Bachelor of Science)											
(Physics/Chemistry/Mathematics)											
SEMESTER: I											
S. No.	Subject Selection Remarks for Students	Subject	Course Code	Course Title	Teaching Load			Credits	Evaluation Scheme		Total
					L	T	P		Internal	End Sem.	
1	Students are allowed to choose only one subject.	Major Course (Subject-I) Own Faculty									
		Physics	B010101T	Mathematical Physics & Newtonian Mechanics	4	0	0	4	25	75	100
			B010102P	Mechanical Properties of Matter	0	0	2	2	—	100	100
		Chemistry	B020101T	Fundamentals of Chemistry	4	0	0	4	25	75	100
			B020102P	Quantitative Analysis	0	0	2	2	—	100	100
		Mathematics	B030101T	Differential Calculus & Integral Calculus	4	0	0	4	25	75	100
B030102P	Practical		0	0	2	2	—	100	100		
2	Students are allowed to choose only one subject other than S. No. 1.	Major Course (Subject-II) Own Faculty (Choose any one)									
		Physics	B010101T	Mathematical Physics & Newtonian Mechanics	4	0	0	4	25	75	100
			B010102P	Mechanical Properties of Matter	0	0	2	2	—	100	100
		Chemistry	B020101T	Fundamentals of Chemistry	4	0	0	4	25	75	100
			B020102P	Quantitative Analysis	0	0	2	2	—	100	100
		Mathematics	B030101T	Differential Calculus & Integral Calculus	4	0	0	4	25	75	100
B030102P	Practical		0	0	2	2	—	100	100		
3	Students are allowed to choose only one subject other than S. No. 1 and 2.	Major Course (Subject-III) Any Faculty (Choose any one)									
		Physics	B010101T	Mathematical Physics & Newtonian Mechanics	4	0	0	4	25	75	100
			B010102P	Mechanical Properties of Matter	0	0	2	2	—	100	100
		Chemistry	B020101T	Fundamentals of Chemistry	4	0	0	4	25	75	100
			B020102P	Quantitative Analysis	0	0	2	2	—	100	100
		Mathematics	B030101T	Differential Calculus & Integral Calculus	4	0	0	4	25	75	100
			B030102P	Practical	0	0	2	2	—	100	100
		Botany	B040101T	Microbiology & Plant Pathology	4	0	0	4	25	75	100
			B040102P	Techniques in Microbiology & Plant Pathology	0	0	2	2	—	100	100
Zoology	B050101T	Cytology, Genetics and Infectious Diseases	4	0	0	4	25	75	100		
	B050102P	Cell Biology & Cytogenetics Lab	0	0	2	2	—	100	100		
4	Students may choose VOC/VAC courses offered by their respective schools. Alternatively, students can opt for MOOCs courses offered during the odd semester through platforms like SWAYAM, NPTEL, etc.	Vocational/ Skill Development Course (SEC)									
		VOC/SEC	SEC1101	Presentation and Communication Skills	3	0	0	3	25	75	100
		OR									
		VOC/SEC	VOC/SEC1101/ MOOCs Code	MOOCs Courses offered in odd Sem via Swayam/NPTEL/etc.	3	0	0	3	25	75	100
5	Co-curricular (Qualifying) - Course	Co-curricular (Qualifying)									
		Co-curricular	Z010101T	Food, Nutrition and Hygiene	2	0	0	2	25	75	100
Total Credits					23						