

Course Number	Title	Credits	Type Of Course
M.Sc. I Semester (Monsoon)			
CM401	BASIC BIOCHEMISTRY	3	CORE
CM402	GENERAL MICROBIOLOGY	3	CORE
CM403	CELL & DEVELOPMENTAL BIOLOGY	3	CORE
CM404	ANATOMY AND PHYSIOLOGY OF HUMAN BODY	3	CORE
CM405	PATHOLOGY	2	CORE
CM406	LAB PRACTICAL (BIOSAFETY, BIOCHEMISTRY & MICROBIOLOGY)	5	CORE
M.Sc. III Semester (Monsoon)			
CM421	FREE RADICALS & METALS IN BIOLOGY & DISEASES	3	OPTIONAL
CM422	CELL ADHESION & SIGNAL TRANSDUCTION	3	OPTIONAL
CM423	MOLECULAR BASIS OF INFECTIOUS DISEASES	3	OPTIONAL
CM424	MOLECULAR ENDOCRINOLOGY & ENDOCRINOPATHIES	3	OPTIONAL
CM425	HOST-MICROBE RELATIONSHIPS IN HEALTH & DISEASE	3	OPTIONAL
CM426	PROTEOMICS & METABOLOMICS	3	OPTIONAL
CM427	MOLECULAR BASIS OF METABOLIC DISORDERS	3	OPTIONAL

Pre -Ph.D I Semester (Monsoon)			
Course Number	Title	Credits	Type Of Course
CM601	CONCEPTS & PERSPECTIVE OF MOLECULAR MEDICINE	3	CORE
CM602	MOLECULAR BASIS OF INFECTIOUS DISEASES	3	OPTIONAL
CM603	MOLECULAR BASIS OF METABOLIC DISORDERS	3	OPTIONAL
CM605	NUCLEAR RECEPTORS IN HEALTH & DISEASE	3	OPTIONAL
CM606	FREE RADICALS & METALIONS IN BIO & MEDICINE	3	OPTIONAL
CM610N	Cell Adhesion and Signaling	3	OPTIONAL
CM611	INNATE IMMUNITY	3	OPTIONAL
CM612	Pharmacology and Therapeutics	3	OPTIONAL
CM613	Adaptive Immunity	3	OPTIONAL
CM614	Mammalian Microbiome & Innate Immunity	3	OPTIONAL
CM615	BIOLOGY OF CANCER	3	OPTIONAL
CM616	HOST PATHOGEN INTERACTIONS AND THERAPEUTIC INTERVENTION STRATEGIES	3	OPTIONAL