

1st Semester

Course No.	Course Title	Credit	Total hour
BMB 1101	Introductory Biochemistry	3	3
BMB 1102	Basic Chemistry	3	3
BMB 1103	Botany	2	2
BMB 1104	Zoology	2	2
BMB CSE 1105	Computer Fundamentals	2	2
BMB Eng 1106	English Language	2	2
BMB Math 1107	Mathematics	2	2
BMB 1108L	Practical Experiments	3	4.5
BMB 1109	Semester Viva	1	
	Total	20	

2nd Semester

Course No.	Course Title	Credit	Total hour
BMB 1201	Biophysical Chemistry I	2	2
BMB 1202	Bioorganic Chemistry I	2	2
BMB 1203	Physiology I	3	3
BMB 1204	Proteins	3	3
BMB 1205	Molecular Biology I	2	2
BMB Stat 1206	Basic Statistics	2	2
BMB 1207	Microbiology I	2	2
BMB 1208L	Practical Experiments	3	4.5
BMB 1209	Semester Viva	1	
	Total	20	

3rd Semester

Course No.	Course Title	Credit	Total hour
BMB 2301	Molecular Biology II	3	3
BMB 2302	Bioenergetics	3	3
BMB 2303	Biophysical Chemistry II	2	2
BMB 2304	Bioorganic Chemistry II	2	2
BMB 2305	Physiology II	3	3
BMB 2306	Microbiology II	2	2
BMB 2307L	Practical Experiments	3	4.5
BMB 2308	Semester Viva	1	
	Total	19	

4th Semester

Course No.	Course Title	Credit	Total hour
BMB 2401	Molecular Biology III	3	3
BMB 2402	Metabolism I	3	3
BMB 2403	Nutrition	3	3
BMB 2404	Cell Biology I	3	3
BMB 2405	Enzymes	3	3
BMB Stat 2406	Biostatistics	2	2
BMB 2407L	Practical Experiments	3	4.5
BMB 2408	Semester Viva	1	
	Total	21	

5th Semester

Course No.	Course Title	Credit	Total hour
BMB 3501	Endocrinology	4	4
BMB 3502	Cell Biology II	3	3
BMB 3503	Metabolism II	3	3
BMB 3504	Plant Biochemistry	3	3
BMB 3505	Basic Immunology	3	3
BMB 3506L	Practical Experiments	3	4.5
BMB 3507	Semester Viva	1	
	Total	20	

6th Semester

Course No.	Course Title	Credit	Total hour
BMB 3601	Molecular Genetics	3	3
BMB 3602	Clinical Biochemistry	3	3
BMB 3603	Biochemistry and Molecular Biology of diseases	3	3
BMB 3604	Metabolism III	3	3
BMB 3605	Industrial Biotechnology	3	3
BMB 3606L	Practical Experiments	3	4.5
BMB 3607	Semester Viva	1	
	Total	19	

7th Semester

Course No.	Course Title	Credit	Total hour
BMB 4701	Pharmaceutical Biochemistry	3	3
BMB 4702	Biochemistry of Drugs	2	2
BMB 4703	Virology	3	3
BMB 4704	Molecular Biology and Genetic Engineering	3	3
BMB 4705	Analytical Techniques of Biochemistry and Molecular Biology	3	3
BMB-Bus 4706	Bio-entrepreneurship	2	2
BMB 4707	Semester Viva	1	
	Total	17	

8th Semester

Course No.	Course Title	Credit	Total hour
BMB 4801	Advanced Immunology	3	3
BMB 4802	Biochemistry of Cancer	3	3
BMB 4803	Neuro-biochemistry	3	3
BMB 4804	Plant Biotechnology	3	3
BMB 4805	Bioinformatics	3	3
BMB 4806	Project Work/ In-plant training	4	
BMB 4807	Semester Viva	1	
	Total	20	