

SUMMARY OF THE CHOICE BASED CREDIT SYSTEM OF M.Sc. BIOTECHNOLOGY COURSE
{Vide D.No. XM/DC(E) / 1948 dated 10.10.2015 from Deputy Controller (Exams) }
M.Sc. Biotechnology (CBCS) for the Session 2016-2017

S. No.	Code	Title of Paper	Credits	Sess.+ Mid Sem	End Sem	Total
Semester I						
1	BYM1001	Biochemistry	4	40	60	100
2	BYM1002	Analytical Techniques	4	40	60	100
3	BYM1003	Biostatistics & Computer Applications	4	40	60	100
4	BYM1004	Cellular & Molecular Biology	4	40	60	100
5	BYM1071	Lab. I	2	40	60	100
6	BYM1072	Lab. II	2	40	60	100
7	BYM1073	Seminar/Journal Club	4	40	60	100
Total			24	280	420	700
Semester II						
1	BYM2001	Immunology	4	40	60	100
2	BYM2002	Microbiology & Industrial Applications	4	40	60	100
3	BYM2003	Genetics & Genetic Engineering	4	40	60	100
4	BYM2004	Proteins & Enzymes	4	40	60	100
5	BYM2071	Lab. I	2	40	60	100
6	BYM2072	Lab. II	2	40	60	100
7	BYM2073	Seminar/Journal Club	4	40	60	100
Total			24	280	420	700
Semester III						
1	BYM3001	Genomics & proteomics	2	40	60	100
2	BYM3002	Immunotechnology & Molecular Virology	4	40	60	100
3	BYM3003	Plant Biotechnology	4	40	60	100
4	BYM3011*	Vaccines	4	40	60	100
5	BYM3012*	Nanobiotechnology	4	40	60	100
6	BYM3071	Project Proposal	2	40	60	100
7	BYM3072	Lab. I	2	40	60	100
8	BYM3073	Lab. II	2	40	60	100
9	BYM3074	Seminar/Journal Club	4	40	60	100
10	BYM30P1	IPR & Bio-Safety: Non-Credit Course	-	-	-	S/N
Total			24	320	480	800
Semester IV						
1	BYM4001	Bioprocess Engineering & Technology	4	40	60	100
2	BYM4002	Bio-entrepreneurship	2	40	60	100
3	BYM4071	Project Work	14	40	60	100
4	BYM4072	Seminar/Journal Club	4	40	60	100
Total			24	160	240	400
Total Credits			96			

The Students of 3rd Semester may Opt either BYM3011- Vaccines or BYM3012-Nanobiotechnology as one of their Optional Paper.