

CHOICE BASED CREDIT
SYSTEM

2018

BIOCHEMISTRY

M.Sc Biochemistry

Semester I (December – 2018)

COURSE CODE	PAPER	CREDITS	CONTACT HRS PER WEEK L-Tu-P
PSBCTC101	Cell Biology	4	4.5-0-0
PSBCTC102	Biophysical and Bio-organic chemistry	4	4.5-0-0
PSBCTC104	Molecular Biology	4	4.5-0-0
PSBCTC107	Biomolecules	4	4.5-0-0
PSBCPC105	Laboratory course in Cell biology and Biophysical and Bio-organic chemistry	4	0-0-6
PSBCPC108	Laboratory course in Biomolecules and Molecular Biology	4	0-0-6
TOTAL		24	18-0-12

Semester II (May – 2019)

COURSE CODE	PAPER	CREDITS	CONTACT HRS PER WEEK L-Tu-P
PSBCTC201	Genetic Engineering	4	4.5-0-0
PSBCTC202	Enzymology	4	4.5-0-0
PSBCTC203	Genetics	2	3.0-0-0
PSBCTC204	Molecular Virology	2	3.0-0-0
PSBCTC205	Immunology	4	4.5-0-0
PSBCPC206	Laboratory course in Genetic Engineering and Enzymology	4	0-0-6
PSBCPC207	Laboratory course in Genetics and Immunology	4	0-0-6
TOTAL		24	19.5-0-12

Semester III (December – 2019)

COURSE CODE	PAPER	CREDITS	CONTACT HRS PER WEEK L- Tu- P
PSBCTC301	Plant Biochemistry	4	4.5-0-0
PSBCTC302	Intermediary Metabolism	4	4.5-0-0
PSBCTC303	Bioinformatics & Biostatistics	4	4.5-0-0
PSBCTC307	Mammalian Hormones	2	3.0-0-0
PSBCPC305	Laboratory course in Plant Biochemistry	3	0-0-4.5
PSBCPC306	Laboratory course in Intermediary Metabolism	3	0-0-4.5
Elective / Open Course offered by department			
PSBCTE307	Techniques in Biotechnology	4	4-0-0
TOTAL		24	20.5-0-9

Semester IV (May - 2020)

COURSE CODE	PAPER	CREDITS	CONTACT HRS PER WEEK L-Tu-P
PSBCDC401	Research Project+Project presentation+Viva- Voce+Dissertation	10	0-0-13.5
PSBCDC402	Journal Club	2	3-0-0
PSBCTC403	Nutritional Biochemistry	4	4.5-0-0
PSBCTC404	Clinical Biochemistry	4	4.5-0-0
Elective / Open Course offered by departments			
PSBCTE405	Essentials in Microbiology and Biochemistry	4	4-0-0
TOTAL		24	16-0-13.5

The total credits required for PG in Biotechnology, Microbiology and Biochemistry is 96 credits.