

SEMESTER I

Subject Name	Subject Type	Subject Code	Subject Credit
INTRODUCTION TO MICROBIOLOGY	Regular	BMIC1IMB	6
CELL BIOLOGY	Regular	BBIT1CBL	6
CHEMISTRY-I	Regular	BCHE1CHE	6
COMMUNICATION SKILLS-I	Open	BOPE1CSK	3
ENVIRONMENTAL SCIENCE	Elective	BELE1ESC	3
COMPUTER FUNDAMENTALS AND APPLICATIONS	Elective	BELE1CFA	3

SEMESTER II

Subject Name	Subject Type	Subject Code	Subject Credit
Fundamentals of Bacteriology	Regular	BMIC2FOB	6
Plant Anatomy and Physiology	Regular	BBIT2PAP	6
Chemistry: II	Regular	BCHE2CHE	6
Communication Skills: II	Open	BOPE2CSK	3
Environmental Science	Elective	BELE2ESC	3
Computer Fundamentals and Applications	Elective	BELE2CFA	3

SEMESTER III

Subject Name	Subject Type	Subject Code	Subject Credit
Microbial Biochemistry	Regular	BMIC3BCM	5
Microbial Physiology and Metabolism	Regular	BMIC3MPM	5
Inorganic and Physical Chemistry- I	Regular	BCHE3IPC	5
Organic and Analytical Chemistry-I	Regular	BCHE3OAC	5
Professional Skills	Elective	BELE3PFS	2
Basic Statistics	Elective	BELE3BST	2
Disaster Management-I	Elective	BELE3DMT	2

SEMESTER IV

Subject Name	Subject Type	Subject Code	Subject Credit
Food and Dairy Microbiology	Regular	BMIC4FDM	5
Soil and Water Microbiology	Regular	BMIC4SWM	5
Inorganic and Physical Chemistry- II	Regular	BCHE4IPC	5
Organic and Analytical Chemistry-II	Regular	BCHE4OAC	5
Scientific Writing	Elective	BELE4SCW	2
Basic Probability Theory	Elective	BELE4BPT	2
Disaster Management-II	Elective	BELE4DMT	2

SEMESTER V

Subject Name	Subject Type	Subject Code	Subject Credit
Molecular Biology	Regular	BMBT5MOB	5
Microbial Genetics	Regular	BMIC5MIG	5
Principles of Immunology	Regular	BMIC5POI	5
Industrial Microbiology - I	Regular	BMIC5IMB	5
Bioinformatics	Elective	BELE5BNF	2
Microbial Quality Control in Food and Pharmaceutical Industries	Elective	BELE5QFP	2
Entrepreneurship Development	Elective	BEL5EPD	2

SEMESTER VI

Subject Name	Subject Type	Subject Code	Subject Credit
Recombinant DNA Technology	Regular	BMIC6RDT	5
Virology and Mycology	Regular	BMIC6VAM	5
Industrial Microbiology - II	Regular	BMIC6IMB	5
Analytical and Applied Microbiology	Regular	BMIC6AAM	5
Biostatistics	Elective	BELE6BIS	2
Management of Human Microbial Diseases	Elective	BELE6MHD	2
Intellectual Property Rights	Elective	BELE6IPR	2

