

PROGRAMS AND COURSES AT DIFFERENT LEVELS

BACHELOR'S DEGREE IN BIOMEDICAL LABORATORY SCIENCES COURSES

YEAR 1: 1st Semester

COURSE CODE	Course Title	Theory Hrs	Practical Hrs	Total Hrs	Credit Units
BBS 101	Language	40	0	40	4
BBS 102	Civic Education	40	0	40	4
BBS 103	Analytical Chemistry & Instrumentation	50	30	80	8
BBS 104	Anatomy & Physiology	60	30	90	9
BBS 105	Biochemistry	80	20	100	10
BBS 106	Cell Biology & Genetics	50	20	70	7
BBS 107	Information Communication Technology	20	20	40	4
TOTAL		340	120	460	46

YEAR 1: 2nd Semester

BBS 108	Parasitology	I	40	30	70	7
BBS 109	Microbiology	I	34	36	70	7
BBS 110	Haematology	I	30	60	90	9
BBS 111	Chemical Pathology	I	30	20	50	5
BBS 112	Entomology		38	12	50	5
BBS 113	Lab Safety & Professional Ethics		35	5	40	4
TOTAL			207	163	370	37

YEAR TWO 1st Semester

COURSE CODE	Course Title	Theory Hrs	Practical Hrs	Total Hrs	Credit Units
		0	0	0	0
BBLs 202	Parasitology II	40	50	90	9
BBLs 203	Haematology II	40	50	90	9
BBLs 204	Microbiology II	45	45	90	9
BBLs 205	Chemical Pathology II	60	50	110	11
BBLs 206	Immunology I	50	30	80	8
BBLs 207	Histology I	40	30	70	7
BBLs 208	Immuno-Haematology I	45	35	80	8
BBLs 209	Virology	70	20	90	9
Total		390	310	700	70

2nd Semester

BBLs 210	Pharmacology I	30	0	30	3
BBLs 211	Research Methodology	40	0	40	4
BBLs 212	Quality Assurance	30	10	40	4
BBLs 213	Attachment I	8 Weeks (320)		320	32
TOTAL		100	330	430	43

YEAR THREE**SEMESTER 1**

COURSE CODE	Course title	Theory Hrs	Practical Hrs	Total Hrs	Credit Units
BBLs 301	Parasitology III	40	30	70	7
BBLs 3XX	Mycology	20	20	40	4
BBLs 302	Haematology III	30	40	70	7
BBLs 303	Microbiology III	32	28	60	6
BBLs 304	Chemical Pathology III	50	10	60	6
BBLs 305	Histopathology	40	30	70	7
BBLs 306	Immuno-Haematology II	30	30	60	6
		0	0	0	0
BBLs 308	Applied Immunology I & II	50	30	80	8
BBLs 3xx	Biostatistics	40	20	60	6
BBLs 310	Molecular Biology I	40	20	60	6
BBLs 311	Bromatology & Toxicology	30	30	60	6
TOTAL		402	288	690	69

SEMESTER 2

BBLs 309 Epidemiology 30 10 40
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BBLs 312	Teaching Methodology	30	0	30	3
BBLs 313	Communication skills	15	15	30	3
BBLs 314	Management & Accounting	50	0	50	5
BBLs 315	Public Health	30	20	50	5
BBLs 316	Attachment II	12 Weeks (480)		480	48
		0			0
Total Hrs		155	525	680	68

YEAR FOUR**SEMESTER 1**

COURSE CODE	Course Title	Lecture Hrs	Practical Hrs	Total Hrs	Credit Units
BBLs 401	Molecular Biology II	60	30	90	9
BBLs 402	Parasitology IV	18	42	60	6
BBLs 403	Microbiology IV	24	36	60	6
BBLs 404	Chemical Pathology IV	45	15	60	6
BBLs 405	Immuno-Haematology III	30	0	30	3
BBLs 407	Care & Management of Lab. Animals	20	20	40	4
BBLs 408	Medical Semiology	30	20	50	5
BBLs 409	Integrated Pathophysiology	40	30	70	7
BBLs 410	Memoir /Research Project	9 weeks (360 Hrs)		360	36
TOTAL		277	543	820	82

SEMESTER 2

Course code	Course Title	Theory Hrs	Practical Hrs	Total Hrs	Credit Units
BBLs 410	Memoir /Research Project		13 weeks (520 Hrs)	520	52
BBLs 411	Attachment III				
BBLs 412	Tutorials and Seminars	15	15	30	3
TOTAL		15	535	550	55