

Department of Microbiology Course Content

YEAR ONE FIRST SEMESTER

S/N	COURSE CODE	COURSE TITLE	CREDIT UNITS
1	GST 101	Use of English 1	2
2	GST 103	Philosophy and Logic	2
3	GST 105	Nigerian People and Culture	2
4	GST 107	Old Testament Survey	0
5	BIO 101	General Biology 1	3
6	BIO 191	General Biology Practical 1	1
7	CHM 101	General Chemistry 1	3
8	CHM 191	Chemistry Practical 1	1
9	PHY 101	General Physics 1	3
10	PHY 191	Physics Practical 1	1
11	MTH 101	General Mathematics 1	3
12	CSC 101	Introduction to Computer	3
TOTAL			24

SECOND SEMESTER

S/N	COURSE CODE	COURSE TITLE	CREDIT UNITS
1	GST 102	Use of English 11	2
2	GST 104	Use of Library and Study Skills	1
3	GST 106	Communication in French	2

4	GST 108	New Testament Survey	0
5	MCB 112	Introduction to Microbiology	3
6	BIO 102	General Biology 11	3
7	BIO 192	General Biology Practical 11	1
8	CHM 102	General Chemistry 11	3
9	CHM 192	Chemistry Practical 11	1
10	PHY 102	General Physics 11	3
11	PHY 192	Physics Practical 11	1
12	MTH 102	General Mathematics 11	3
		TOTAL	24

**YEAR TWO
FIRST SEMESTER**

S/N	COURSE CODE	COURSE TITLE	CREDIT UNITS
1	GST 205	Introduction to Computer	2
2	MCB 201	General Microbiology 1	3
3	BIO 201	Introductory Genetics and Cell Physiology	3
4	BIO 203	Introductory Ecology	2
5	BCH 201	General Biochemistry 1	2
6	BCH 291	Basic Practical in Biochemistry	1
7	CHM 221	Organic Chemistry 1	2
8	CHM 291	Practical organic Chemistry	1
9	CHM 241	Analytical Chemistry	2
10	MTH 261	Statistics for Physical and	3

		Biological Sciences	
11	GST 201	Entrepreneurial Studies 1	2
TOTAL			23

SECOND SEMESTER

S/N	COURSE CODE	COURSE TITLE	CREDIT UNITS
1	GST 202	Peace and Conflict Resolution Studies	2
2	GST 206	Computer Application and Programming	2
3	MCB 212	Basic Techniques in Microbiology	2
4	MCB 214	Introduction to Food Science	3
5	BCH 202	General Biochemistry 11	3
6	BIO 204	Biological Techniques (Botany)	2
7	CHM 282	Physical Chemistry (for life)	3
8	CHM 212	Inorganic Chemistry 11	3
9	BIO 208	Invertebrate Zoology	3
TOTAL			23

YEAR THREE FIRST SEMESTER

S/N	COURSE CODE	COURSE TITLE	CREDIT UNITS
1	MCB 341	Mycology	3
2	MCB 343	Immunology	3
3	MCB 345	Bacteria Diversity	3
4	MCB 347	Introductory Virology	2

5	MCB 357	Microbial Ecology	3
6	MCB 359	Soil Microbiology	3
7	MCB 361	Food Microbiology	3
8	GST 301	Entrepreneurial Studies II	2
ELECTIVE			
	MCB 333	Biodeterioration	2
TOTAL			22/24

SECOND SEMESTER

S/N	COURSE CODE	COURSE TITLE	CREDIT UNITS
1.	MCB 392	SIWES	15

YEAR FOUR FIRST SEMESTER

S/N	COURSE CODE	COURSE TITLE	CREDIT UNITS
1	MCB 441	Principles of Epidemiology and Public Health Microbiology	3
2	MCB 443	Virology and Tissue culture	3
3	MCB 455	Environmental Microbiology	3
4	MCB 467	Industrial Microbiology	3
5	MCB 479	Pharmaceutical Microbiology	3
6	MCB 481	Microbial Physiology and Metabolism	3
7	MCB 493	Seminar Assays in Microbiology	2
ELECTIVE			
	MCB 435	Principles of	3

		Parasitology	
TOTAL			20/23

**YEAR FOUR
SECOND SEMESTER**

S/N	COURSE CODE	COURSE TITLE	CREDIT UNITS
1	MCB 442	Pathogenic Microbiology	3
2	MCB 464	Advanced Food Microbiology	3
3	MCB 484	Microbial Genetics	3
4	MCB 488	Microbiological Quality Assurance	2
5	MCB 422	Petroleum Microbiology	3
6	MCB 494	Research Project in Microbiology	5
ELECTIVE			
	BIO 436	Host Pathogen Relations and Plant Disease	3
TOTAL			19/22