

Plan&Descriptions Course-Biology

** LEVEL ONE **

NO	Course Code	Course Name	Course Credit	Lec	Lab	Tut	Co-requisites
1	MAT 101	Calculus(1)	4	3	0	2	
2	BIO 101	General Biology	4	3	2	0	
3	CHM 101	General Chemistry(1)	4	2	2	2	
4	IDE 133	Monotheism	2	2	0	0	
5	QUR 101	The Holy Quran(1)	1	1	0	0	
6	HST 102	History of KSA	2	2	0	0	
			17	13	4	4	
				21			

** LEVEL TWO**

NO	Course Code	Course Name	Course Credit	Lec	Lab	Tut	Co-requisites
1	BIO 111	Taxonomy of Zoology	4	3	2	0	
2	BIO 113	Cell Biology	2	1	2	0	BIO 101
3	BIO 121	Taxonomy of Botany	4	3	2	0	
4	PHY 101	General Physics(1)	3	2	0	2	
5	PHY 181	General Physics Laboratory	1	0	2	0	PHY 101
6	JR 200	Fiqh (Islamic Jurisprudence)	2	2	0	0	
7	Qur 151	The Holy Quran(2)	1	1	0	0	
			17	12	8	2	
				22			

** LEVEL THREE**

NO	Course Code	Course Name	Course Credit	Lec	Lab	Tut	Co-requisites
1	BIO 231	Genetics	4	3	2	0	BIO 113
2	BIO 241	General Microbiology	4	3	2	0	BIO 111
3	BIO 251	Ecology and Biodiversity	2	1	2	0	BIO 121
4	STA 217	Biostatistics	3	2	1	1	MAT 101
5	HST 101	Sirah (Biography of Prophet Mohamed)	2	2	0	0	
6	QUR 201	The Holy Quran(3)	1	1	0	0	
			16	12	7	1	
				20			

**** LEVEL FOUR****

NO	CourseCode	Course Name	Course Credit	Lec	Lab	Tut	Co-requisites
1	BIO 212	Immunology	3	2	2	0	BIO 113
2	BIO 232	Molecular Biology	3	2	2	0	BIO 231
3	BIO 242	Bacteriology	4	3	2	0	BIO 241
4	BIO 244	Microtechnique	2	0	4	0	BIO 111
5	BIO 252	Principles of Environmental Impact Assessment	2	1	2	0	BIO 251
6	ART 102	Arabic Composition	2	2	0	0	
			16	10	12	0	
				22			

**** LEVEL FIVE****

NO	CourseCode	Course Name	Course Credit	Lec	Lab	Tut	Co-requisites
1	BIO 314	Animal Physiology	4	3	2	0	BIO 212
2	BIO 322	Plant Anatomy	3	2	2	0	BIO 121
3	BIO 343	Parasitology	3	2	2	0	BIO 242
4	CHM 231	Analytical Chemistry	4	2	2	2	CHM 101
5	COMH 211	Community Health&Epidemiology	2	2	0	0	BIO 111
			16	11	8	2	
				21			

**** LEVEL SIX****

NO	CourseCode	Course Name	Course Credit	Lec	Lab	Tut	Co-requisites
1	BIO 323	Plant Physiology	4	3	2	0	BIO 322
2	BIO 333	Biotechnology	3	2	2	0	BIO 232
3	BIO 345	Virology	4	3	2	0	BIO 242
4	BIO 353	Entomology	4	3	2	0	BIO 252
5	Qur 251	The Holy Quran(£)	1	1	0	0	
6	ثقّف ١٠١	ثقافة اسلامية	2	2	0	0	
			18	14	8	0	
				22			

**** LEVEL SEVEN****

NO	CourseCode	Course Name	Course Credit	Lec	Lab	Tut	Co-requisites
1	BIO 415	Embryology	4	3	2	0	BIO 314
2	BIO 434	Bioinformatics	3	2	2	0	STA 217
3	BIO 436	Human and Genetic Engineering	3	2	2	0	BIO 333
4	XXX	Elective Course(1)	3	2	2	0	Upon specifying the course
5	ENG 206	Technical Writing	2	2	0	0	
			15	11	8	0	
				19			

**** LEVEL EIGHT****

NO	CourseCode	Course Name	Course Credit	Lec	Lab	Tut	Co-requisites
1	BIO 437	Biochemistry	3	2	2	0	BIO 436
2	BIO 446	Medical and Industrial microbiology	4	3	2	0	BIO 345
3	BIO 454	Microbial Pollution	3	2	2	0	BIO 353
4	XXX	Elective Coures(2)	3	2	2	0	Upon specifying the course
5	BIO 499	Research Project	3	4			Upon research specific project
			16	9	12	0	
				21			

****List of Elective Courses********List of Elective Courses(1)****

NO	CourseCode	Course Name	Course Credit	Lec	Lab	Tut	Co-requisites
1	BIO 417	Heamatologt	3	2	2	0	BIO 314
2	BIO 455	Animal Behavior	3	2	2	0	BIO 252
3	BIO 458	Ecological Phsiology	3	2	2	0	BIO 353
4	BIO 461	Endocrinology	3	2	2	0	BIO 314

****List of Elective Courses (2) ****

NO	CourseCode	Course Name	Course Credit	Lec	Lab	Tut	Co-requisites
1	BIO 419	Experimental embryology	3	2	2	0	BIO 415
2	BIO 424	Plant Pathology	3	2	2	0	BIO 322
3	BIO 457	Biological Control	3	2	2	0	BIO 353
4	BIO 459	Flora&Fauna of Saudi Arabia	3	2	2	0	BIO 353
5	PHY 417	Introduction to Biophysics	3	2	0	2	PHY 101