

The Study Plan for the Bachelor of Science in Biology

First year

Level (1)

No. of Courses: 6

Course Code	Course Title	Hours Distribution			Prerequisite	Type of Prerequisite
		Theoretical	Practical	Credit		
11030119	English (1)	6	-	3	-	University Compulsory
18041103	Differential & Integral (1)	4	-	4	-	Faculty Compulsory
18011103	General Biology	3	2	4	-	Faculty Compulsory
11020204	Health Education	1	-	1	-	University Compulsory
11010101	Islamic Culture 1	2	-	2	-	University Compulsory
15011104	Arabic Editing	2	-	2	-	University Compulsory
Total		18	2	16	-	

Level (2)

No. of Courses: 5

Course Code	Course Title	Hours Distribution			Prerequisite	Type of Prerequisite
		Theoretical	Practical	Credit		
11030219	English (2)	6	-	3	11030119	University Compulsory
18031104	General Physics	3	2	4	-	Faculty Compulsory
18061104	General Chemistry	3	2	4	-	Faculty Compulsory
11020107	Holly Quran	2	-	2	-	University Compulsory
11010111	Islamic Culture 2	2	-	2	-	University Compulsory
Total		16	4	15	-	

Second year

Level (3)

No. of Courses: 7

Course Code	Course Title	Hours Distribution			Prerequisite	Type of Prerequisite
		Theoretical	Practical	Credit		
18011241	English For Science	2	-	2	-	University Compulsory
18011243	Plant Morphology	2	2	3	-	Major Compulsory
18011245	Invertebrates	2	2	3	-	Major Compulsory
18011314	Bacteriology	2	2	3	-	Major Compulsory
18011249	Cytology	2	2	3	-	Major Compulsory
18011251	Fundamentals of Ecology	2	2	3	-	Major Compulsory
11010113	Voluntary service 1	-	-	-		University Compulsory
Total		12	10	17		

Level (4)**No. of Courses: 7**

Course Code	Course Title	Hours Distribution			Prerequisite	Type of Prerequisite
		Theoretical	Practical	Credit		
18011242	Genetics	2	2	3	(18011249)	Major Compulsory
18011244	Plant anatomy	2	2	3	(18011243)	Major Compulsory
18011246	Histology	2	2	3	(18011249)	Major Compulsory
18061226	Organic Chemistry	2	2	3	-	Major Compulsory
18011248	Mycology	2	2	3	-	Major Compulsory
18011250	General Entomology	2	2	3	(18011245)	Major Compulsory
11010123	Voluntary service (2)	-	-	-	-	University Compulsory
	Total	12	12	18		

Third year**Level (5)****No. of Courses: 7**

Course Code	Course Title	Hours Distribution			Prerequisite	Type of Prerequisite
		Theoretical	Practical	Credit		
18011341	Plant Physiology	2	2	3	(18011244)	Major Compulsory
18011343	Chordata	1	2	2	(18011243)	
18011353	Research and Essay Writing Skills	2	-	2	(18011249)	University Compulsory
18011345	Virology	2	2	3	-	Major Compulsory
18011347	Phycology	2	2	3	-	Major Compulsory
18011349	Archegoniates	1	2	2	(18011245)	Major Compulsory
18011351	Parasitology	2	2	3	-	Major Compulsory
	Total	12	12	18		

Level (6)**No. of Courses: 7**

Course Code	Course Title	Hours Distribution			Prerequisite	Type of Prerequisite
		Theoretical	Practical	Credit		
18011342	Animal Physiology	2	2	3	(18011246)	Major Compulsory
18011344	Plant Ecology	1	2	2	(18011251)	Major Compulsory
18061338	Biochemistry	2	2	3	(18021226)	Major Compulsory
18011346	Microbial Ecology	1	2	2	(18011251)	Major Compulsory
18011348	Biostatistics	1	2	2		Major Compulsory
18011350	Flowering Plants Taxonomy	2	2	3	(18011243)	Major Compulsory
18011352	Molecular Biology	2	2	3	(18011242)	Major Compulsory
	Total	11	14	18		

Fourth year

Level (7)

No. of Courses: 7

Course Code	Course Title	Hours Distribution			Prerequisite	Type of Prerequisite
		Theoretical	Practical	Credit		
18011441	Immunology	1	2	2	(18011342)	Major Compulsory
18011443	Graduation Project	1	2	2	Pass 85 hours	Major Compulsory
18011445	Fauna of Saudi Arabia Kingdom	2	2	3	(18011343)	Major Compulsory
18011447	Biotechnology	1	2	2	(18011352)	Major Compulsory
18011449	Ecology and Animal Behaviour	1	2	2	(18011251)	Major Compulsory
18011451	Physiology of Microorganisms	1	2	2	(18011248) + (18011314)	Major Compulsory
	Elective (1)	1	2	2	(18011342)	Major Elective
	Total	8	14	15		

Level (8)

No. of Courses: 6

Course Code	Course Title	Hours Distribution			Prerequisite	Type of Prerequisite
		Theoretical	Practical	Credit		
18011442	Environmental Pollution	2	2	3	(18011251)	Major Compulsory
18011444	Applied Microbiology	2	2	3	(18011248) + (18011314)	Major Compulsory
18011446	Metabolism	2	2	3	(18021338)	Major Compulsory
18011448	Flora of Saudi Arabia Kingdom	2	2	3	(18011350)	Major Compulsory
18011450	Embryology	1	2	2	(18011343)	Major Compulsory
	Elective (2)	1	2	2		Major Elective
	Total	10	12	16		

Elective Courses

Course Code	Course Title	Hours Distribution			Prerequisite	Type of Prerequisite
		Theoretical	Practical	Credit		
Elective (1)						
18011453	Techniques & Laboratory Instruments	1	2	2		Major Elective
18011455	Economic Plants	1	2	2	(18011243)	Major Elective
18011457	Tissue Culture	1	2	2		Major Elective
Elective (2)						
18011452	Phytogeography	1	2	2	(18011344)	Major Elective
18011454	Comparative Anatomy	1	2	2	(18011343)	Major Elective
18011456	Economic & Medical Entomology	1	2	2	(18011250)	Major Elective
	Total	6	12	12		