



The New (Developed) Study Plan of the Bachelor of science in Biology program  
(Number of program hours = 132)

First year			
First Level		Second Level	
Code	Course Name	Hr	Requisite
0212 ISCL	Mediocrity and Moderation	2	
0221 ARAB	Arabic Skills	2	
0522 ENGL	English Language	5	
1300 BIOL	<a href="#">General Biology</a>	3	
1101 BIOL	<a href="#">Practical General Biology</a>	1	
1300 PHYS	<a href="#">General Physics</a>	3	
1301 PHYS	<a href="#">Practical General Physics</a>	1	
Total		<b>17</b>	

Code	Course Name	Hr	Requisite
0291 VOL	Volunteering Skill	2	
	Elective course 1	2	
1300 CHEM	<a href="#">General Chemistry</a>	3	1101 CHEM
1101 CHEM	<a href="#">Practical General Chemistry</a>	1	1300 CHEM
1400 MATH	<a href="#">Introduction to Mathematics</a>	4	
1104 BIO	<a href="#">Laboratory Skills</a>	1	1300 BIOL, 1101 BIOL
1340 BIO	<a href="#">Fundamentals of Ecology</a>	3	1300 BIOL, 1101 BIOL
Total		<b>16</b>	

Second year			
Third Level		Fourth Level	
Code	Course Name	Hr	Requisite
2217 CHEM	Organic Chemistry	2	1300 CHEM, 1101 CHEM
2322 BIOL	General Entomology	3	1300 BIOL, 1101 BIOL
2320 BIOL	Invertebrates	3	1300 BIOL, 1101 BIOL
2202 BIOL	Cell Biology	2	1300 BIOL, 1101 BIOL
2330 BIOL	Plant Morphology and Anatomy	3	1300 BIOL, 1101 BIOL
2337 BIOL	Phycology	3	1300 BIOL, 1101 BIOL
2204 BIOL	Biostatistics	2	1400 MATH
Total		<b>18</b>	

Code	Course Name	Hr	Requisite
	Free Course 1	2	
2212 CHEM	Biochemistry	2	2317 CHEM
2313 BIOL	General Genetics	3	2202 BIOL
2338 BIOL	Bacteriology and Virology	3	1300 BIOL, 1101 BIOL
2323 BIOL	Economic and Medicinal Arthropods	3	2322 BIOL
2232 BIOL	Non Flowering Plants	2	2330 BIOL
2210 BIOL	Histology	2	2202 BIOL
Total		<b>17</b>	

Third year			
Fifth Level		Sixth Level	
Code	Course Name	Hr	Requisite
3324 BIOL	Animal Physiology 1	3	2317 CHEM
3334 BIOL	Taxonomy of Flowering Plants	3	2330 BIOL
3339 BIOL	Mycology and plant diseases	3	1300 BIOL, 1101 BIOL
3321 BIOL	Chordates	3	1300 BIOL, 1101 BIOL
	Elective track course 1	2	
	Elective track course 2	2	
Total		<b>16</b>	

Code	Course Name	Hr	Requisite
	Free Course 2	2	
3325 BIOL	Parasitology	3	2320 BIOL
3335 BIOL	Plant Physiology 1	3	1300 BIOL, 1101 BIOL
3328 BIOL	Developmental Embryology	3	3321 BIOL
3242 BIOL	Environmental Pollution	2	1340 BIOL
3113 BIOL	Biotechnology	1	1104 BIOL
	Elective track course 3	2	
	Elective track course 4	2	
Total		<b>18</b>	

Fourth year			
Seventh Level		Eighth Level	
Code	Course Name	Hr	Requisite
0401 COMM	Training-1 Job Preparation Skills	4	
4309 BIOL	Graduation Project	3	1104 BIOL, 3113 BIOL
4210 BIOL	Molecular Biology	2	2313 BIOL
4227 BIOL	Immunology	2	3324 BIOL
4236 BIOL	Plant Physiology 2	2	3335 BIOL
4326 BIOL	Animal Physiology 2	3	3324 BIOL
4234 BIOL	Economic and Medicinal Plants	2	3334 BIOL
	Elective track course 5	2	
	Elective track course 6	2	
Total		<b>22</b>	

Code	Course Name	Hr	Requisite
4808 BIOL	Field Training	8	
Total		<b>8</b>	

Tracks

General Biology track  
Zoology track  
Botany track  
Microbiology track  
Ecology and Biodiversity track  
Biotechnology track