

### Degree Plan for Diploma in Biotechnology

<b>Minimum No. of Credits for this degree plan = 73</b>		
Course Title	No. of Credits	Pre-requisites
<b>University Requirements = 21 Credits</b>		
ARAB100 Arabic Language I	3	
ARAB101 Arabic Language II	3	ARAB100
COMP101 Computer Skills	3	COMP A/B, Digital Literacy
ENGL150 English Language I	3	
ENGL152 English Language II	3	ENGL150
ENGL155 Communication Skills	3	ENGL152
HIST150 Islamic Civilization	3	
<b>College Requirements = 12 Credits</b>		
BIOL101 General Biology I	4	
CHEM101 General Chemistry I	4	
BIOL102 General Biology II	4	BIOL101
<b>Department Requirements = 40 credits</b>		
BIOL211 Plant Physiology	3	BIOL102
BIOL220 Animal Physiology	3	BIOL102
BIOL242 Introductory Genetics	3	BIOL101
BIOL344 Introductory Microbiology	3	BIOL102
BIOL330 Bacteriology	3	BIOL344
BIOL345 Introduction to Biotechnology	3	BIOL242, BIOL344
BIOL350 Cell Biology	3	CHEM334
BIOL363 Biological Data Handling	3	
BIOL364 Mycology	3	BIOL 344
BIOL410 Microbial Biotechnology	3	BIOL345
BIOL425 Molecular Biology	3	BIOL242
CHEM265 Organic Chemistry I	3	CHEM101
CHEM334 Biochemistry	3	BIOL101