

**DEGREE OF MASTER IN SCIENCE IN BIOTECHNOLOGY (APPLIED MOLECULAR BIOLOGY) WITH INDUSTRIAL PLACEMENT (04J70140)**

Students must also comply with the University General Regulations and the Supplementary Regulations for the Award of an Undergraduate Master's Degree

**All the courses listed below are prescribed for this degree**

PROGRAMME YEAR 1 – 120 Credit Points					
First Half Session			Second Half Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
PD 1001	Professional Skills Part 1	0			
CM 1020	Chemistry for the Life Sciences 1	15	CM 1512	Chemistry for the Life Sciences 2	15
SM 1001	Introduction to the Medical Sciences	15	SM 1501	The Cell	15
Plus 60 credit points from courses of choice.					

PROGRAMME YEAR 2 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
BI 2017	Genes And Evolution	15	BI 25M5	Microbes, Infection & Immunity	15
BI 20M3	Molecular Biology Of The Gene	15	BI 25M7	Energy For Life	15
SM 2001	Foundation Skills for Medical Sciences	15	SM 2501	Research Skills for Medical Sciences	15
Plus 30 credit points from courses of choice.					

PROGRAMME YEAR 3 – 125 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
BT 3006	Working Out? Placement & Careers Skills	5	BC 3503	The Molecular Control of Cell Function	30
One of the two courses listed below:					
MB 3006	The Molecular Biology of the Cell	30	GN 3502	Genetics	30
			MC 3504	Molecular Microbiology	30
Plus 30 credit points from courses of choice.					

PROGRAMME YEAR 4 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit points	Course Code	Course Title	Credit points
BT 5007	Industrial Placement				120

**PLEASE SEE OVER →**

PROGRAMME YEAR 5 – 120 Credit Points HONOURS YEAR					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
MB 4050	Honours Advanced Molecular Biology	30	BT 4501	Biotechnology Honours Research Project	60
<b>One</b> of the following three courses:					
BC 4014	Honours Biochemistry – Option 1	15			
GN 4010	Honours Genetics – Option 1	15			
MC 4014	Honours Microbiology – Option 1	15	MB 4901	Molecular & Cell Biology Honours Exam Data Analysis Paper	0
<b>AND one</b> of the following three courses:					
BC 4314	Honours Biochemistry – Option 2	15	MB 4902	Molecular & Cell Biology Honours General Essay Exam	0
GN 4310	Honours Genetics – Option 2	15			
MC 4314	Honours Microbiology – Option 2	15			

Notes	
1.	Honours programme may only be taken by full-time study.
2.	For Honours students the examinations for courses taken in the Final Honours Year will be held at the end of the session.
3.	Honours candidates are required to take both a two hour general examination (MB 4901) and a three hour problem solving examination (MB 4902) at the end of the Final Honours Year.