

**DEGREE OF MASTER IN SCIENCE IN BIOMEDICAL SCIENCES
(MOLECULAR BIOLOGY) WITH INDUSTRIAL PLACEMENT (04B9CR40)**

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 20B2	Physiology Of Human Cells	15	BI 25B2	Physiology of Human Organ Systems	15
BI 20M3	Molecular Biology of the Gene	15	BI 25M7	Energy For Life	15
BM 2009	Human Anatomy A	15	BM 2509	Human Anatomy B	15
SM 2001	Foundation Skills for Medical Sciences	15	SM 2501	Research Skills for Medical Sciences	15

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 and Career Skills	5	BC 3503	The Molecular Control Of Cell Function	30
			And a choice from the following list:		
			<i>EITHER</i>		
			MC 3504	Molecular Microbiology	30
MB 3006	The Molecular Biology Of The Cell	30	<i>OR</i>		
			GN 3502	Genetics	30
			<i>OR</i>		
			BM 3501	Cardiovascular Physiology and Pharmacology	15
			<i>WITH EITHER</i>		
			PA 3802	Mechanisms of Disease and Principles of Chemotherapy	15
			<i>OR</i>		
			PY 3803	Epithelial Physiology	15
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
BC 4014	Honours Biochemistry – Option 1	15	BM 4502	Biomedical Sciences (Molecular Biology) Honours Research Project	60
BC 4314	Honours Biochemistry – Option 2	15	SM 4901	Medical Sciences Data Analysis Paper	0
MB 4050	Honours Advanced Molecular Biology	30	SM 4902	Medical Sciences General Essay Paper	0

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 (SM 4901) and a three hour problem solving examination (SM 4902) at the end of the Final Honours Year.