

DEGREE OF BACHELOR OF SCIENCE IN BIOCHEMISTRY (04C70070)

DESIGNATED DEGREE OF BACHELOR OF SCIENCE IN BIOCHEMISTRY (04C70089)

Students must also comply with the University General Regulations and the Supplementary Regulations for the Degree of Bachelor of Science

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 | | | |
| SM 1001 | Introduction to the Medical Sciences | 15 | SM 1501 | The Cell | 15 |
| CM 1020 | Chemistry for the Life Sciences 1 | 15 | CM 1512 | Chemistry for the Life Sciences 2 | 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 – 120 Credit Points | | | | | |
|---|-----------------------------------|---------------|--------------------------------------|--|---------------|
| First Half-Session | | | Second Half-Session | | |
| Course Code | Course Title | Credit Points | Course Code | Course Title | Credit Points |
| MB 3006 | The Molecular Biology of the Cell | 30 | BC 3503 | The Molecular Control of Cell Function | 30 |
| | | | One of the two courses listed below: | | |
| | | | GN 3502 | Genetics | 30 |
| | | | MC 3504 | Molecular Microbiology | 30 |
| Plus 30 credit points from courses of choice. | | | | | |

| PROGRAMME YEAR 4 – 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 | BC 4502 | Biochemistry Honours Research Project | 60 |
| BC 4314 | Honours Biochemistry - Option 2 | 15 | MB 4901 | Molecular & Cell Biology Honours Exam Data Analysis Paper | 0 |
| MB 4050 | Honours Advanced Molecular Biology | 30 | MB 4902 | Molecular & Cell Biology Honours General Essay Exam | 0 |

| Notes | |
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| 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. |
| 4. | Designated Programme: See Supplementary Regulation 1. (i) A minimum curriculum must include MB 3006 and BC 3503. This grouping satisfies the requirements of BSc Supplementary Regulation 1. |