

## DEGREE OF MASTER IN SCIENCE IN PHARMACOLOGY WITH INDUSTRIAL PLACEMENT (04B21140)

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            |                     |                                   |               |
| SR 1002                                       | Introduction to the Science of Sport, Exercise and Health | 15            | SM 1501             | The Cell                          | 15            |
| Plus 45 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            |
| 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             | BM 3501             | Cardiovascular Physiology and Pharmacology           | 15            |
|   |   |               | BM 3502             | Neuroscience and Neuropharmacology                   | 15            |
| PA 3004                                       | Biochemical Pharmacology and Toxicology | 30            | BM 3804             | Neuroscience Research Topics                         | 15            |
|   |   |               | PA 3802             | Mechanisms of Disease and Principles of Chemotherapy | 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<br>HONOURS YEAR |  |               |                     |                                      |               |
|--|--|---------------|---------------------|--------------------------------------|---------------|
| First Half-Session                                   |  |               | Second Half-Session |                                      |               |
| Course Code  | Course Title                               | Credit Points | Course Code         | Course Title                         | Credit Points |
| BM 4004  | Advanced Molecules, Membranes And Cells    | 30            | SM 4901             | Medical Sciences Data Analysis Paper | 0             |
| PA 4005  | Molecular Pharmacology                     | 15            | SM 4902             | Medical Sciences General Essay Paper | 0             |
| PA 4303  | Current Topics in Pharmacological Research | 15            | PA 4501             | Pharmacology Project                 | 60            |

| 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. |