

**DEGREE OF BACHELOR OF SCIENCE IN PHYSIOLOGY (04B10070)**

**DESIGNATED DEGREE OF BACHELOR OF SCIENCE IN PHYSIOLOGY (04B10089)**

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 1002                                       | Getting Started at the University of Aberdeen | 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            |
| 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<br>JUNIOR HONOURS |                                  |               |                     |  |               |
|--|----------------------------------|---------------|---------------------|--|---------------|
| First Half-Session                                     |                                  |               | Second Half-Session |  |               |
| Course Code  | Course Title                     | Credit Points | Course Code         | Course Title                               | Credit Points |
| PY 3002  | Integrative Physiology           | 30            | BM 3501             | Cardiovascular Physiology and Pharmacology | 15            |
|  |                                  |               | BM 3502             | Neuroscience and Neuropharmacology         | 15            |
|  |                                  |               | BM 3804             | Neuroscience Research Topics               | 15            |
|  |                                  |               | PY 3803             | Epithelial Physiology                      | 15            |
| SM 3002  | Frontiers Of Biomedical Sciences | 30            |                     |  |               |

| PROGRAMME YEAR 4 – 120 Credit Points<br>SENIOR HONOURS |   |               |                     |   |               |
|--|---|---------------|---------------------|---|---------------|
| 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 4501             | Medical Sciences Honours Research Project | 60            |
| BM 4009  | Staying Alive – Adaptation in Physiological Systems | 15            | SM 4901             | Medical Sciences Data Analysis Paper      | 0             |
| <b>EITHER</b><br>BM 4301                               | The Science of Ageing – from Cradle to Grave        | 15            | SM 4902             | Medical Sciences General Essay Paper      | 0             |
| <b>OR</b><br>PY 4302                                   | Developmental Neuroscience                          | 15            |                     |   |               |

**PLEASE SEE OVER →**

**Notes**

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|    | <b>Notes</b>   |
| 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. |
| 4. | Designated Programme:<br>See Supplementary Regulation 1.   |