**DEGREE OF BACHELOR OF SCIENCE IN BIOMEDICAL SCIENCES (MOLECULAR BIOLOGY) (04B9C670)**

**DESIGNATED DEGREE OF BACHELOR OF SCIENCE IN BIOMEDICAL SCIENCES (MOLECULAR BIOLOGY) (04B9C689)**

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** | | | | | |
|---|---|---|---|---|---|
| Term 1 | | | Term 2 | | |
| **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** | | | | | |
|---|---|---|---|---|---|
| Term 1 | | | Term 2 | | |
| **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 – 120 Credit Points**<br>**JUNIOR HONOURS** | | | | | |
|---|---|---|---|---|---|
| Term 1 | | | Term 2 | | |
| **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 |
| | | | And a choice from the following list: | | |
| | | | ***EITHER*** | | |
| | | | MC 3504 | Molecular Microbiology | 30 |
| | | | ***OR***<br>GN 3502 | Genetics | 30 |
| | | | ***OR*** | | |
| SM 3001 | Frontiers Of Molecular Medical Sciences | 30 | BM 3501 | Cardiovascular Physiology and Pharmacology | 15 |
| | | | ***WITH EITHER***<br>PA 3802 | Mechanisms of Disease and Principles of Chemotherapy | 15 |
| | | | ***OR***<br>PY3803 | Epithelial Physiology | 15 |
| Optional Course: | | | | | |
| BT 3006 | Working Out? Placement & Career Skills | 5 | | | |

**PLEASE SEE OVER →**

| PROGRAMME YEAR 4 – 120 Credit Points<br>SENIOR HONOURS | | | | | |
|---|---|---|---|---|---|
| Term 1 | | | Term 2 | | |
| **Course Code** | **Course Title** | **Credit Points** | **Course Code** | **Course Title** | **Credit Points** |
| BC 4014 | Honours Biochemistry – Option 1 | 15 | SM 4501 | Medical Sciences 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. | 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. |
| 3. | For Honours students the examinations for courses taken in the Final Honours Year will be held at the end of the session. |
| 4. | Designated Programme:<br>See Supplementary Regulation 1. |