

**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

**This programme has been withdrawn
The last intake to this programme was in September 2024**

| 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 – 125 Credit Points JUNIOR HONOURS | | | | | |
|--|--|---------------|---------------------------------------|--|---------------|
| Term 1 | | | Term 2 | | |
| 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: | | |
| | | | EITHER | | |
| | | | MC 3504 | Molecular Microbiology | 30 |
| MB 3006 | The Molecular Biology Of The Cell | 30 | OR | | |
| | | | GN 3502 | Genetics | 30 |
| | | | OR | | |
| | | | BM 3501 | Cardiovascular Physiology and Pharmacology | 15 |
| SM 3001 | Frontiers Of Molecular Medical Sciences | 30 | WITH EITHER | | |
| | | | PA 3802 | Mechanisms of Disease and Principles of Chemotherapy | 15 |
| | | | OR | | |
| | | | PY 3803 | Epithelial Physiology | 15 |

PLEASE SEE OVER →

| PROGRAMME YEAR 4 – 120 Credit Points | | | | | |
|--------------------------------------|----------------------|---------------|-------------|--------------|---------------|
| Term 1 | | | Term 2 | | |
| Course Code | Course Title | Credit Points | Course Code | Course Title | Credit Points |
| BT 5007 | Industrial Placement | | | | 120 |

| PROGRAMME YEAR 5 – 120 Credit Points SENIOR HONOURS | | | | | |
|--|--|---------------|-------------|---|---------------|
| Term 1 | | | Term 2 | | |
| Course Code | Course Title | Credit Points | Course Code | Course Title | Credit Points |
| BC 4015 | Biochemistry: Receptors and Signalling | 15 | SM 4501 | Medical Sciences Honours Research Project | 60 |
| BC 4315 | Biochemistry: Health and Disease | 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 | |
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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 (SM 4901) and a three hour problem solving examination (SM 4902) at the end of the Final Honours Year. |