

DEGREE OF BACHELOR OF SCIENCE IN HUMAN EMBRYOLOGY & DEVELOPMENTAL BIOLOGY (04CC7170)

DESIGNATED DEGREE OF BACHELOR OF SCIENCE IN HUMAN EMBRYOLOGY & DEVELOPMENTAL BIOLOGY (04CC7189)

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 | | | |
| 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 | | | | | |
|---|--|---------------|---------------------|------------------------------|---------------|
| First Half-Session | | | Second Half-Session | | |
| Course Code | Course Title | Credit Points | Course Code | Course Title | Credit Points |
| AN 3301 | Human Embryonic Development | 15 | DB 3503 | The Early Embryo | 15 |
| DB 3006 | Principles of Developmental and Reproductive Biology | 15 | DB 3804 | Development of Organ Systems | 15 |
| | | | GN 3502 | Genetics | 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 |
| BM 4010 | Advanced Molecules, Membranes And Cells (Stem Cells and Regeneration) | 30 | SM 4901 | Medical Sciences Data Analysis Paper | 0 |
| DB 4002 | Evolution & Development | 15 | SM 4902 | Medical Sciences General Essay Paper | 0 |
| PY 4302 | Developmental Neuroscience | 15 | DB 4501 | Developmental Biology Honours Project | 60 |

| Notes | |
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| 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: See Supplementary Regulation 1. |