# Award and Assessment Regulations Part 2: Award Map for the Academic Year 2022/23

**Award: MSci Applied Biological Research**

| Credit and Awards at Stage 1 | Details |
|---|---|
| Total Credit to be studied at this stage | 120 at Level 4 |
| There are no optional modules | |
| Award available for completion of the Stage | Certificate in Higher Education Biological Sciences |

| Stage 1 Compulsory Studies | | | | | |
|---|---|---|---|---|---|
| **Module Code** | **Module Title** | **Credit Value** | **Level** | **Status for Award** | **Prerequisites** |
| | Biology of the Cell | 15 | 4 | Compulsory | None |
| | Inheritance, Genes and Evolution | 15 | 4 | Compulsory | None |
| | Developmental Biology | 15 | 4 | Compulsory | None |
| | The Moving Animal | 15 | 4 | Compulsory | None |
| | Integrated Physiology 1 | 15 | 4 | Compulsory | None |
| | Integrated Physiology 2 | 15 | 4 | Compulsory | None |
| | Problem Definition and Investigation | 15 | 4 | Compulsory | None |
| | Project | 15 | 4 | Compulsory | None |

| Credit and Awards at Stage 2 | Details |
|---|---|
| Total Credit to be studied at this stage | 120 at Level 5 |
| Optional modules required in addition to compulsory modules | 15 |
| Award available for completion of the Stage | Diploma in Higher Education Biological Sciences |

| Stage 2 Compulsory Studies | | | | | |
|---|---|---|---|---|---|
| **Module Code** | **Module Title** | **Credit Value** | **Level** | **Status for Award** | **Prerequisites** |
| | Basis of Disease | 15 | 5 | Compulsory | Stage 1 |
| | Ageing and Degeneration | 15 | 5 | Compulsory | Stage 1 |
| | Principles of Infectious Diseases | 15 | 5 | Compulsory | Stage 1 |
| | Control of Infectious Diseases | 15 | 5 | Compulsory | Stage 1 |
| | Principles of Pharmacology | 15 | 5 | Compulsory | Stage 1 |
| | Biological Sciences Project | 30 | 5 | Compulsory | Stage 1 |

| Stage 2 Optional Studies | | | | | |
|---|---|---|---|---|---|
| **Module Code** | **Module Title** | **Credit Value** | **Level** | **Status for Award** | **Prerequisites** |
| | Applied Pharmacology | 15 | 5 | Optional | Stage 1 |
| | Imaging of Disease | 15 | 5 | Optional | Stage 1 |
| | Introduction to Animal Behaviour, Welfare & Ethics | 15 | 5 | Optional | Stage 1 |
| | Introduction to One Health | 15 | 5 | Optional | Stage 1 |

| Credit and Awards at Stage 3 | Details |
|---|---|
| Total Credit to be studied at this stage | 120 at Level 6 |
| Optional modules required in addition to compulsory modules | 60 credits |
| Award available for completion of the Stage | BSc (Hons) Biological Sciences |

| Stage 3 Compulsory Studies: | | | | | |
|---|---|---|---|---|---|
| **Module Code** | **Module Title** | **Credit Value** | **Level** | **Status for Award** | **Prerequisites** |
| | Designated Biological Sciences Project | 60 | 6 | Compulsory | Stage 2 |

| Stage 3 Optional Studies | | | | | | |
|---|---|---|---|---|---|---|
| **Module Code** | **Module Title** | **Credit Value** | **Level** | **Status for Award** | **Specific Prerequisites** | **Co-requisites** |
| | Advanced Concepts in Biobusiness | 15 | 6 | Optional | | |
| | Advanced Concepts in Reproduction | 15 | 6 | Optional | | |
| | Advanced Skeletal Pathobiology | 15 | 6 | Optional | | |
| | Animal Behaviour and Cognition | 15 | 6 | Optional | | |
| | Animals and Human Society | 15 | 6 | Optional | | |
| | Applications of Pathology | 30 | 6 | Optional | | Principles of Pathology |
| | Applied Animal Welfare | 15 | 6 | Optional | | |
| | Applied Molecular Microbiology | 15 | 6 | Optional | | |
| | Comparative Anatomy | 15 | 6 | Optional | | |
| | Comparative Animal Locomotion | 30 | 6 | Optional | | |
| | Comparative Models of Disease | 15 | 6 | Optional | | |
| | Development and Disease | 15 | 6 | Optional | | |
| | Endocrine and Metabolic Syndromes | 15 | 6 | Optional | | |
| | Epidemiology: the Bigger Picture | 15 | 6 | Optional | | |
| | Infection and Immunity | 30 | 6 | Optional | | |
| | Omic Approaches to Biology | 15 | 6 | Optional | | |
| | Parasitology of Human and Veterinary tropical Diseases | 15 | 6 | Optional | | |
| | Practical Investigative Biology | 15 | 6 | Optional | | |
| | Principles of Pathology | 30 | 6 | Optional | | Applications of Pathology |
| | Science of Animal Welfare | 15 | 6 | Optional | | |
| | Various KCL modules | 15 or 30 | 6 | Optional | | |

| Credit and Awards at Stage 4 | Details |
|---|---|
| Total Credit to be studied at this stage | 120 at Level 7 |
| There are no optional modules | |
| Award available for completion of the Stage | MSci Applied Biological Research |

| Stage 4 Compulsory Studies | | | | | |
|---|---|---|---|---|---|
| **Module Code** | **Module Title** | **Credit Value** | **Level** | **Status for Award** | **Prerequisites** |
| | Research Skills | 15 | 7 | Compulsory | |
| | Applied Biological Sciences Research Project | 105 | 7 | Compulsory | 60 credit stage 3 project |

Students planning more than a Stage ahead should be aware that the College will not deliver any module or part of a programme if circumstances have changed to threaten its quality or viability. Such offerings could change after a student has started the course. However, the College will always offer alternatives that will be of equal cost in both fees and add-on expenses to the student and of equal academic value.