

BSc with Honours in Biomedical Science – 2022 entry

Duration of programme: 4 years (where students join the programme in year 1)

Award on successful completion: Bachelor of Science with Honours

Accreditation: Accredited by the Institute of Biomedical Science; the applied route is approved by the Health and Care Professional Council.

Location of delivery: Abertay University, Bell Street, Dundee

Composition of the programme: 120 SCQF (Scottish Credit and Qualifications Framework) credits in each academic year, primarily delivered mostly in modules of 20 credits each, with 3 modules taken in term 1, and 3 in term 2 each year. First and second year of the programme includes a choice of microcredential modules worth a total of 20 credits per year. The programme offers a standard route and an applied route that includes a 60 credit clinical placement in stage 3. All students complete a 40 credit independent project in the final year.

Contact hours and workload: Each academic year typically requires 1200 hours of student effort; on average across the 4 years of this programme, approximately 25% of that time is in lectures, seminars, practicals and similar activities; the remainder is independent study.

Assessment methods: Assessment is by a combination of coursework assignments, class tests, presentations and examinations.

Additional costs: Students must purchase a laboratory coat (cost around £15) and laboratory notebooks for some modules.

Academic staff: This programme is delivered primarily by staff in the Division of Health Sciences in the School of Applied Sciences. Staff profiles can be viewed at <https://www.abertay.ac.uk/schools/school-of-applied-sciences/>

Core modules in the programme:
Biology Principles & Practice
Foundations of Chemistry 1+2
Principles of Biomedical Science
Humans Physiology
Being Successful at Abertay (5 credits)
Molecular Biology and Genetics
Investigative Analytical Science
Cell Biology and Immunology
Medical Physiology
Medical Microbiology
Public Health
Global Perspectives on Public Health
Professional Studies

Clinical Biochemistry and Cellular Pathology
Haematology and Transfusion Science
Perspectives and Technologies in the Life Sciences Sector (Standard route only)
Applications mini-project (Standard route only)
Test tube to tablet (Standard route only)
BMS Clinical Placement (APPLIED HCPC ROUTE ONLY)
Clinical Biochemistry and Cellular Pathology
Haematology & Transfusion Science
Honours Project
Project research methods
Other modules that may be offered, but are subject to change over time:
Microcredentials (various)

Developments in the discipline: It is important to note that the curriculum within all modules, including core modules, is expected to evolve over time, as new scientific, medical and diagnostic paradigms and tools come to the fore and thereby render original components redundant.