

BSc with Honours in Biomedical Science – 2020 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, delivered in modules of 20 credits each, with 3 modules taken in term 1, and 3 in term 2 each year. The programme offers a standard route and an applied route that includes a 60 credit clinical placement. 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 Science in the School of Science, Engineering and Technology. Staff profiles can be viewed at <https://www.abertay.ac.uk/staff-search>

Core modules in the programme:
Biology Principles & Practice
Human Physiology
Molecular Biology & Genetics
Clinical Biochemistry and Cellular Pathology
Haematology & Transfusion Science
Advanced Medical Genetics
Honours Project
Clinical Placement (for students following the Applied route)
Other modules that may be offered, but are subject to change over time:
Foundations of Chemistry 1 & 2
Medical Physiology
Investigative Analytical Science
Professional Studies 1 & 2
Medical Microbiology
Cell Biology and Immunology
Perspectives of the Life Sciences Industry
Applications / Mini-project

Test Tube to Tablet
Industrial Placement (for students following the standard route)
Project Research Methods
Advanced Pathophysiology
Advanced Systems Biology

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.