

Healthcare Science Specialisms and Scientific Services

Life Sciences

- Analytical Toxicology
- Anatomical pathology
- Blood transfusion science/ transplantation
- Clinical biochemistry including paediatric metabolic biochemistry
- Clinical genetics/Genetic Science
- Clinical embryology & Reproductive Science
- Clinical immunology
- Cytopathology including cervical cytology
- Electron microscopy
- External quality assurance
- Haematology
- Haemostasis and thrombosis
- Clinical Immunology
- Histocompatibility & immunogenetics
- Histopathology
- Microbiology
- Molecular pathology of acquired disease
- Phlebotomy
- Tissue banking

Physiological Sciences

- Audiology
- Autonomic neurovascular function
- Cardiac physiology
- Clinical perfusion science
- Critical care science
- Gastrointestinal physiology
- Neurophysiology
- Ophthalmic and vision science
- Respiratory physiology
- Urodynamic science
- Vascular science

Clinical Bioinformatics including

- Genomics
- Physical Sciences
- Health Informatics Science
- Pathology
- Physiological Informatics

Physical Sciences and Biomedical Engineering

- Biomechanical engineering
- Clinical measurement and Development
- Clinical Pharmaceutical Science
- Decontamination Science
- Diagnostic radiology & MR physics
- Equipment management & clinical engineering
- Medical electronics and instrumentation
- Medical engineering design
- Clinical photography
- Nuclear medicine
- Radiation protection and monitoring
- Radiotherapy physics
- Reconstructive Science
- Rehabilitation engineering
- Renal dialysis technology
- Ultrasound and non-ionising radiation

Many of these specialisms though small in workforce numbers provide highly specialist services. These specialisms are within the health and social care system in the UK inclusive of the NHS, Public Health England and the NHS Blood & Transplant service.