

# NHS Healthcare Science, Specialties Quick Guide

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The science – i.e. actual department / disciplines

**SWISS workforce** 

## Life Sciences:

## **Blood Sciences specialisms**

Clinical Biochemistry Clinical Immunology

Clinical Immunology (Histocompatibility and Immunogenetics)

Haematology and transfusion science

## Cellular Sciences specialisms

Cytopathology Histopathology Reproductive sciences

#### Infection Science specialism

Microbiology
Epidemiology
Public Health Sciences
Decontamination Sciences

#### **Genetics**

**Clinical Bioinformatics** Genomics

# **Clinical Physiology:**

# Cardiac, Vascular, respiratory and sleep Sciences specialisms

Cardiac science

Vascular science

Respiratory and sleep science

## **Neurosensory Science specialisms**

Audiology

Neurophysiology

Ophthalmic and vision science

# Gastro-intestinal Physiology and Urodynamic Science specialisms

Gastro-intestinal Physiology Urodynamic Science

Clinical Perfusion science

## **Physical Sciences:**

## Medical Physics specialisms

Radiotherapy physics

Radiation safety

Imaging with non-ionising radiation Imaging with lonising radiation

## **Clinical Engineering specialisms**

Rehabilitation engineering

Clinical measurement and development Device risk management and governance

Clinical Bioinformatics Medical physics

Reconstructive Science specialisms

Maxillo-facial prosthetics and technology

Clinical Illustration / photography

#### Registrationtitle (and example of previous NHS **SWISS** classification) Biomedical Sciences (Life) Biomedical Scientist\* (MLSO) Clinical Sciences (Life) Clinical Scientist\* Clinical Technology (Life) Clinical Technologist classification (MTO) (MLA), (ATO) Support staff are classified w ithin the three SWISS groups above. \* Title protected by UK law: Health Professions Council · SWISS: Scottish Workforce Information Standard System,

ISD Scotland, www.isdscotland.org

NHS Education for Scotland –Healthcare Science, www.nes.scot.nhs.uk/disciplines/healthcare-science

SWISS	previous NHS classification)
Clinical Physiology (Physiology)	Clinical Physiologist (MTO)
Clinical Sciences (Physiology)	Clinical Scientist*
Clinical Technology (Physiology)	Clinical Technologist (MTO)
Clinical Perfusion (Physiology)	Clinical Perfusionist (MTO)
Support staff are classified within the four SWISS groups above.	(ATO)

Registrationtitle

(and example of

SWISS	Registration title (and example of previous NHS classification)
Clinical Science (Physical)	Clinical Scientist*
Clinical Technology (Physical)	Clinical Technologist (MTO)
Maxillofacial Prosthetics (Physical)	Maxillofacial Prosthetist (MTO)
Clinical Photography (Physical)	Clinical Photographer (MTO)
Support staff are classified within the four SWISS groups	(ATO)

above.

# Departmental names, some local descriptions and identity associated with healthcare science specialties.

## **Life Sciences:**

**Anatomical Pathology** 

Andrology

**Blood Transfusion** 

Cervical Cytology

Clinical Biochemistry

Clinical Cytogenetics

Clinical Embryology

Clinical Immunology

**Electron Microscopy** 

Haematology

Haemostasis & Thrombosis

Hisotocompatability & Immunogenetics

Histo & Cytopathology

Molecular Genetics

Microbiology

Phlebotomy

Tissue banking

Toxicology

Virology

# **Clinical Physiology:**

Audiology

Hearing Therapy

Autonomic Neurovascular

Cardiac Physiology

Clinical Perfusion

Gastrointestinal Physiology

Neurophysiology

Ophthalmic Science

Respiratory Physiology

Sleep Physiology

Urodynamics

Vascular Technology

Vision Science

## **Physical Sciences:**

Biomechanical Engineering

Bioengineering

Clinical Measurement

Diagnostic Radiology

**Equipment Management** 

Information Technology

Maxillofacial Prosthetics

**Medical Electronics** 

Medical Engineering & Design

Medical Illustration

**Nuclear Medicine** 

Radiation Protection

Radiotherapy Physics

Rehabilitation Engineering

Renal Technology

Non-ionising radiation:

Ultrasound, Laser