

STP OPEN DAY

MAHSE (<http://mahse.co.uk/>)

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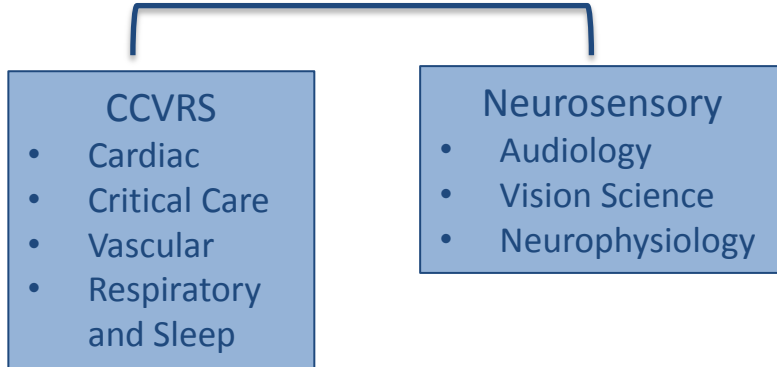
9th January 2015

What are Healthcare Scientists?

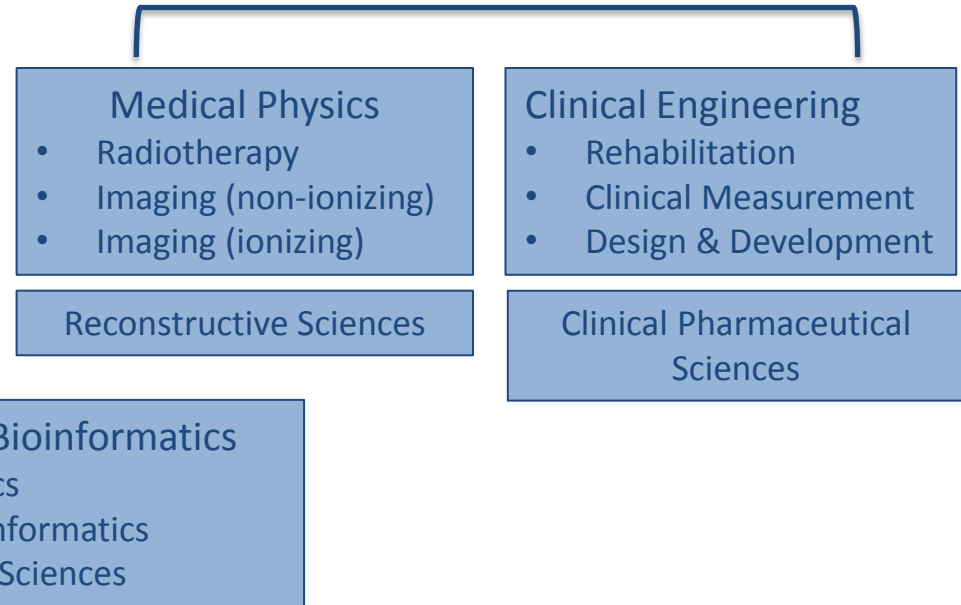
- Provide expert diagnostic advice and therapeutic care for the treatment of patients and prevention of disease
- Make up 5% of healthcare workforce, BUT 80% of diagnosis is attributed to HCS work
- 51 disciplines, largest scientific workforce in UK

<http://www.nhscareers.nhs.uk/explore-by-career/healthcare-science/>

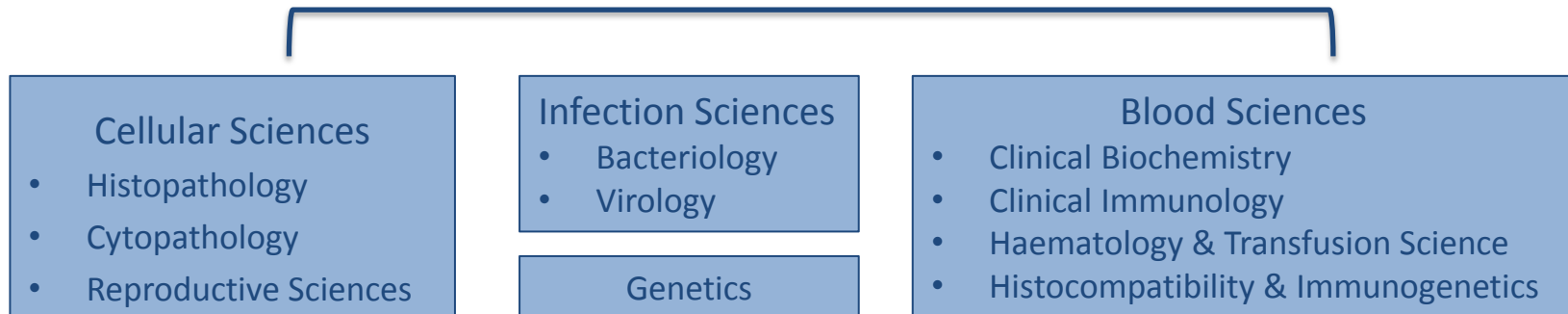
Physiological Sciences



Physical Sciences



Life Sciences



Modernising Scientific Careers

Underlying principles: Modern healthcare is faced with the following challenges

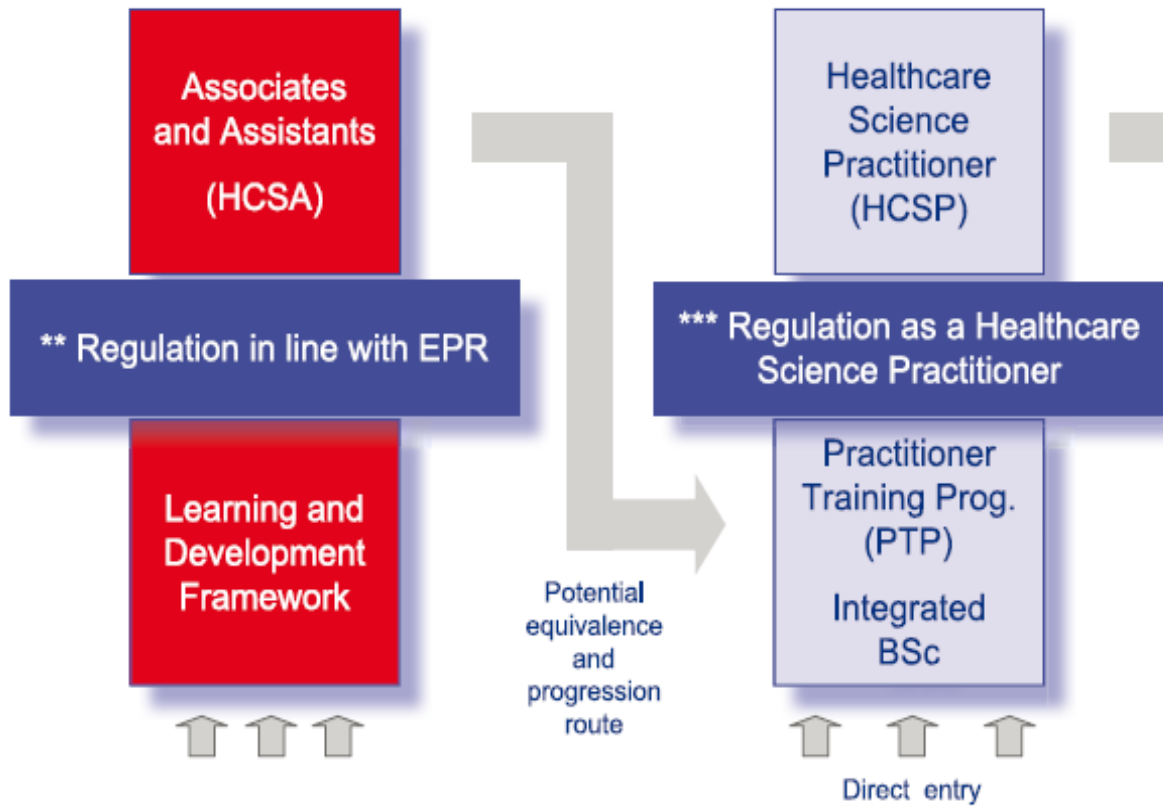
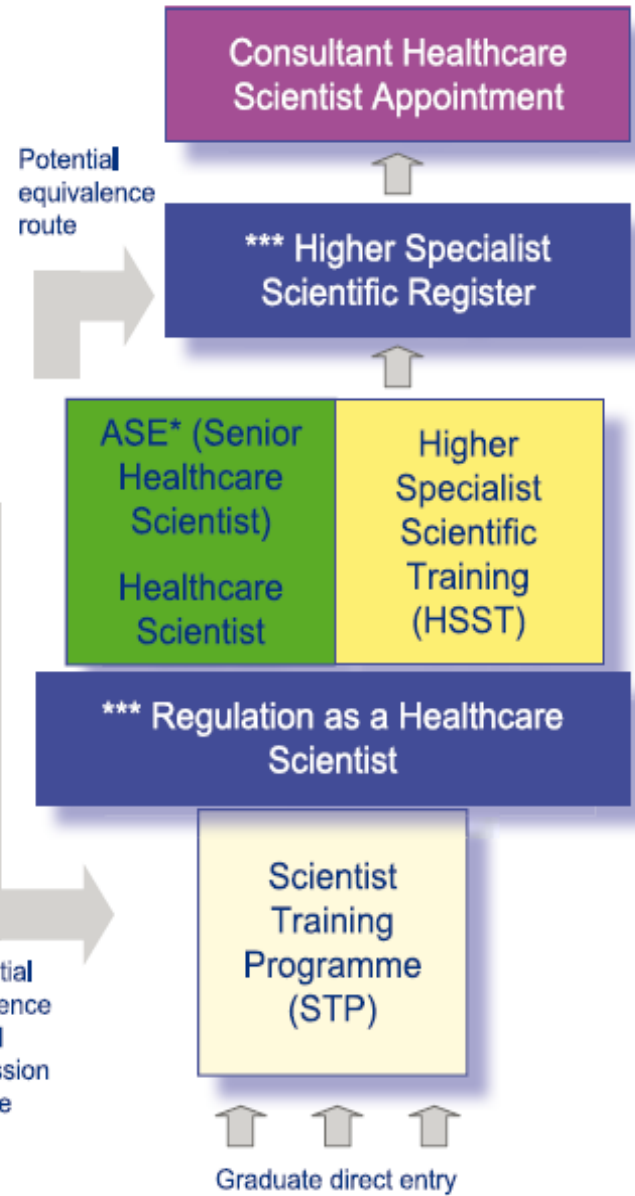
- An aging population
- Changes in the nature of health problems
- Financial pressures
- Need for workforce to be flexible and creative in its leadership
- Workforce to be flexible and creative in its leadership

Modernising Scientific Careers

- Agenda driven by Department of Health
- Aims to re-structure healthcare workforce to meet challenges of demographic change (sustainability) and affordability
- Capitalise on technology and make better use of scarce skilled human resources
- Input from “stakeholders” and public “consultation”

[Modernising Scientific Careers: The UK Way Forward](#)

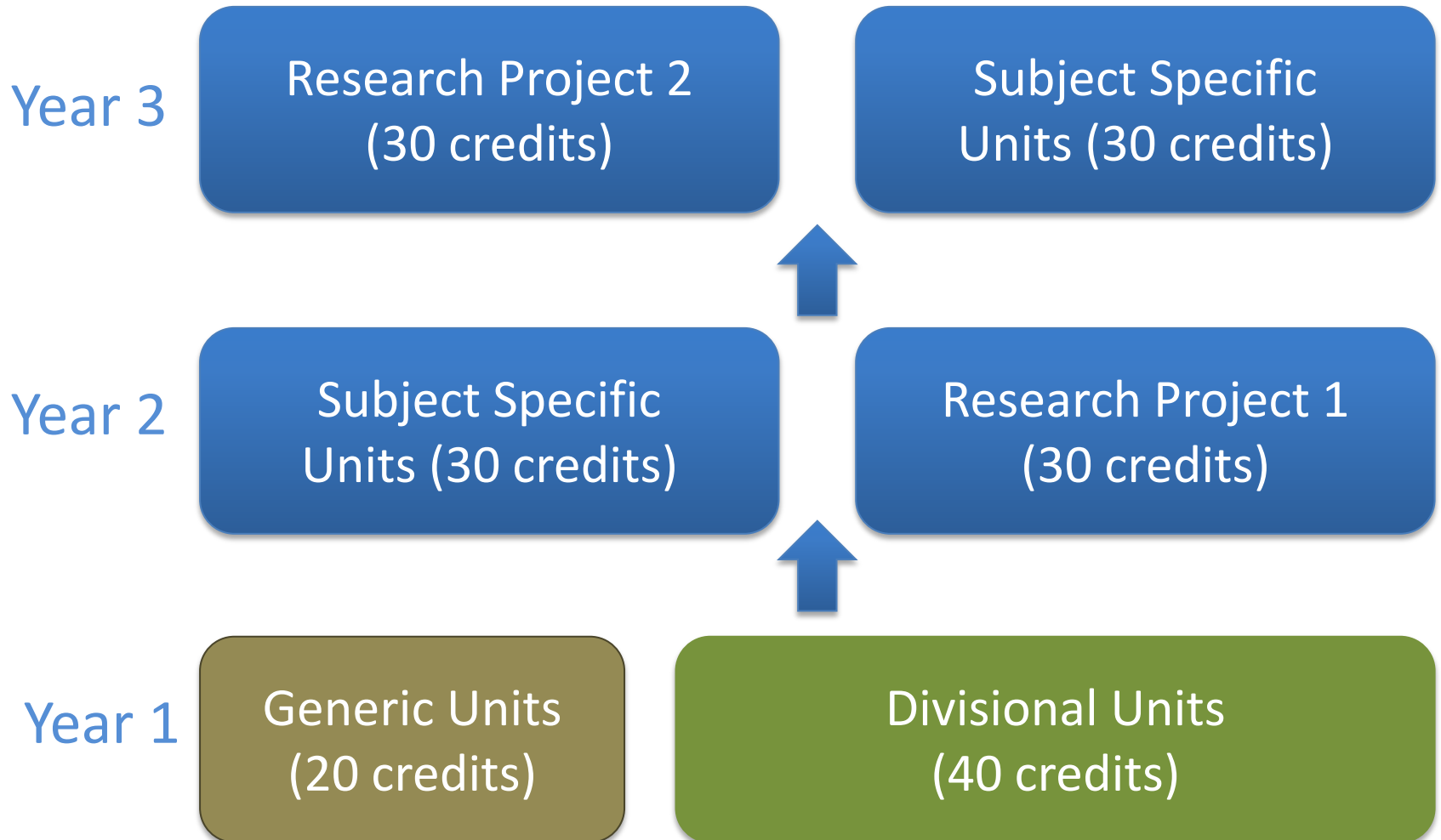
- * Accredited Specialist Expertise
- ** Extending professional regulation
- *** Subject to public consultation



Scientist Training Programme (STP)

- 3 year training programme consisting of:
 - Academic: MSc Clinical Science
Delivered by selected universities
 - Workplace Professional Training: OLAT
Undertaken in NHS

Academic & Professional split 20:80



National School of Healthcare Science

To support trainees through their courses

Ensuring they enjoy high standards of education and training, clear and fair assessment of their work and appropriate professional recognition of their competency at the end of their course

To support departments and staff providing training

Including supporting training capacity, rotational & specialist clinical placements

National School of Healthcare Science

To maintain consistency and standards

Through ongoing quality assurance of training courses
and overseeing a national system of assessment

To provide co-ordination and advice across
healthcare science

Working with the professional, NHS and government
bodies throughout the UK to ensure a clear, common
and consistent approach to healthcare science training

<http://www.nshcs.org.uk/>

Academy for Healthcare Science

Established as a joint initiative between UK Health Departments and Professional Bodies.

- Provide a coherent professional voice for the HCS workforce
- Act as overarching body for ensuring educational standards and QA of education and training
- Ensure the profession has a high profile to influence and inform key stakeholders (NHS, PRSBs and SUCs).

- Partnership between HEIs and NHS
- Encourages innovation and sharing of good practice
- Support and develop PTP/STPs delivered in Manchester
- 7 Areas of STPs being delivered



Physiological Sciences

CCVRS

- **Cardiac**
- **Critical Care**
- **Vascular**
- **Respiratory and Sleep**

Neurosensory

- **Audiology**
- Vision Science
- **Neurophysiology**

Physical Sciences

Medical Physics

- Radiotherapy
- Imaging (non-ionizing)
- Imaging (ionizing)

Reconstructive Sciences

Clinical Engineering

- Rehabilitation
- Clinical Measurement
- Design & Development

Clinical Pharmaceutical Sciences

Clinical Bioinformatics

- **Genomics**
- **Health informatics**
- **Physical Sciences**

Life Sciences

Cellular Sciences

- **Histopathology**
- **Cytopathology**
- **Reproductive Sciences**

Infection Sciences

- Bacteriology
- Virology

Genetics

Blood Sciences

- **Clinical Biochemistry**
- **Clinical Immunology**
- **Haematology & Transfusion Science**
- **Histocompatibility & Immunogenetics**

Other Preferred Providers

- Blood Sciences: University of Birmingham
- CCVRS: Newcastle University
- Neurosensory Sciences: Aston University