



**Manchester Academy for
Healthcare Scientist Education**

STP Open Day 16th January 2018

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MAHSE Deputy Director



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/>

Scientist Training Programmes

Physiological Sciences

Neurosensory

- Audiology
- Neurophysiology
- Ophthalmic and Vision Science

CCVRS

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

Gastrointestinal
Physiology and
Urodynamic Science

Physical Sciences

Medical Physics

- Radiotherapy Physics
- Radiation Safety
- Imaging (non-ionizing)
- Imaging (ionizing)

Clinical Pharmaceutical
Science

Clinical Engineering

- Rehabilitation Engineering
- Clinical Measurement and development
- Device Risk Management and governance

Reconstructive Science

Life Sciences

Cellular Sciences

- Cytopathology
- Histopathology
- Reproductive Science (Andrology)
- Reproductive Science (Embryology)

Blood Sciences

- Clinical Biochemistry
- Clinical Immunology
- Haematology and Transfusion Science
- Histocompatibility and Immunogenetics

Infection Sciences

- Clinical Microbiology

Genomic Sciences

- Cancer Genomics (TBC)
- Genomics
- Genomic Counselling

Clinical Bioinformatics

Clinical Bioinformatics

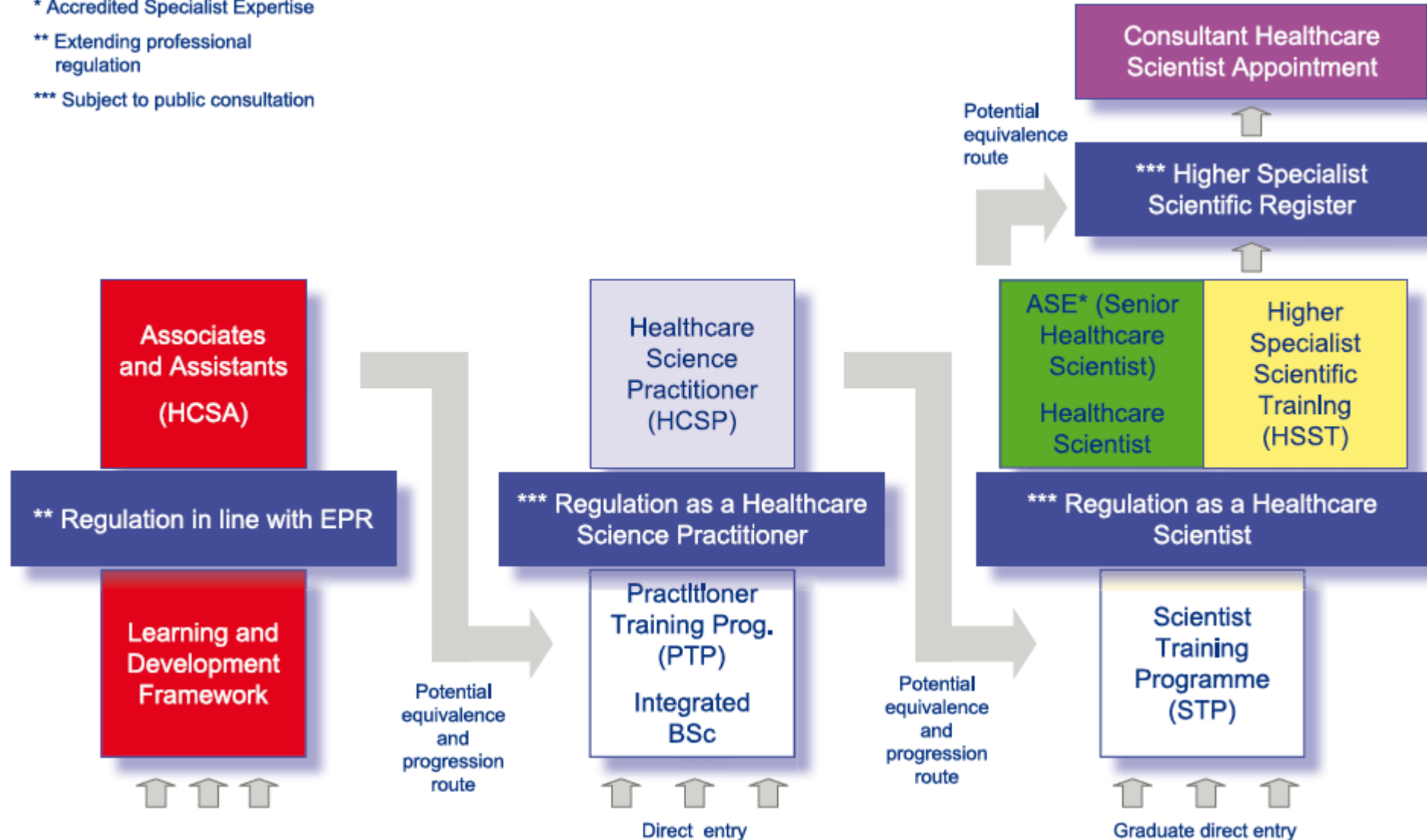
- Genomics
- Health informatics
- Physical Sciences

Modernising Scientific Careers

* Accredited Specialist Expertise

** Extending professional regulation

*** Subject to public consultation



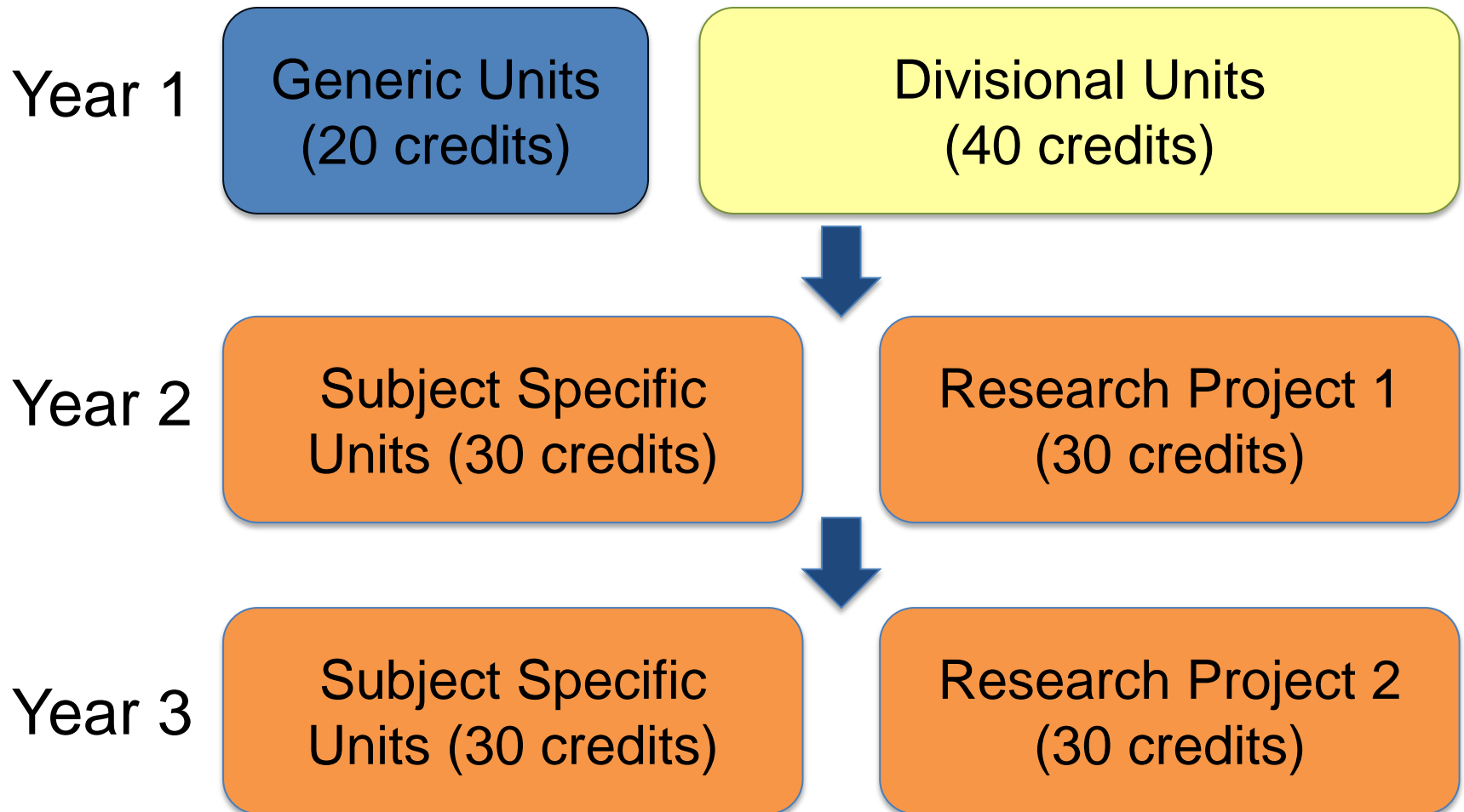
Scientist Training Programme (STP)

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

MSc Clinical Science



National School of Healthcare Science

- To support trainees through their courses
- To support departments and staff providing training
- To maintain consistency and standards
- To provide co-ordination and advice across healthcare science

<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).

What is MAHSE?

- Cross-University body
- Encourages innovation and sharing of good practice
- Support and develop PTP/STP/HSST delivered in Manchester
- 8 STP themes being delivered



MAHSE MSc Clinical Science

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Please note: not all specialisms will necessarily be open for application in 2018

Other Preferred Providers

- **CCVRS: Newcastle University**
 - Cardiac Science
 - Vascular Science
- **Neurosensory Sciences: Aston University**
 - Audiology
 - Neurophysiology
 - Ophthalmic and Vision

Application for STP

- Applications are **open** – closing date is Monday 12 Feb 2018
- Applications are run by the National School of Healthcare Science
- For more information please visit <http://www.nshcs.hee.nhs.uk/join-programme/nhs-scientist-training-programme>
- Information and slides will be available on the MAHSE website – <http://mahse.co.uk/>