



**Manchester Academy for  
Healthcare Scientist Education**

# **STP Open Day 8<sup>th</sup> January 2019**

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MAHSE 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
- Over 50 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
- Genomics
- Genomic Counselling

## Clinical Bioinformatics

### Clinical Bioinformatics

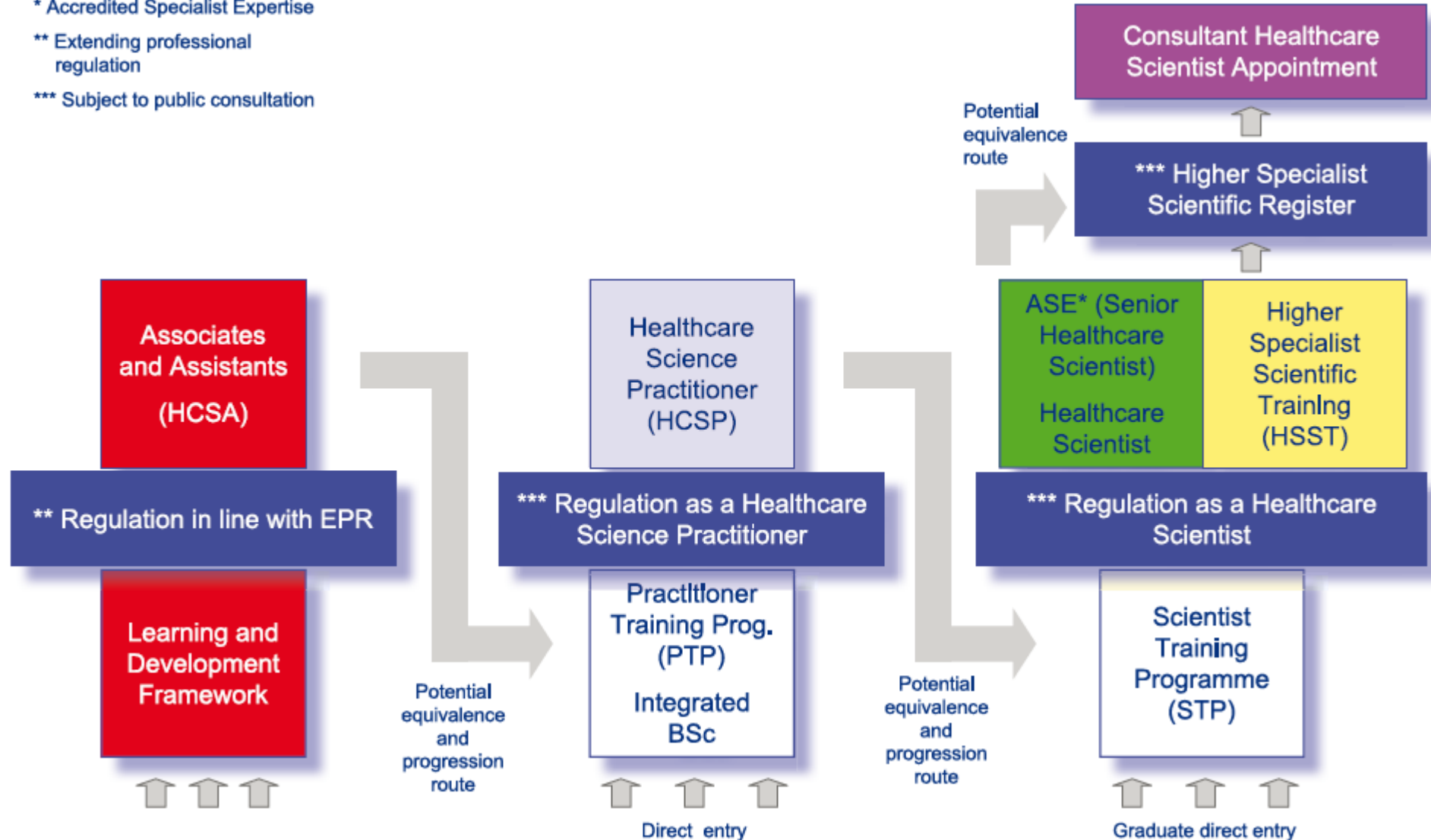
- Genomics
- Health informatics
- Physical Sciences

# Modernising Scientific Careers

\* Accredited Specialist Expertise

\*\* Extending professional regulation

\*\*\* Subject to public consultation



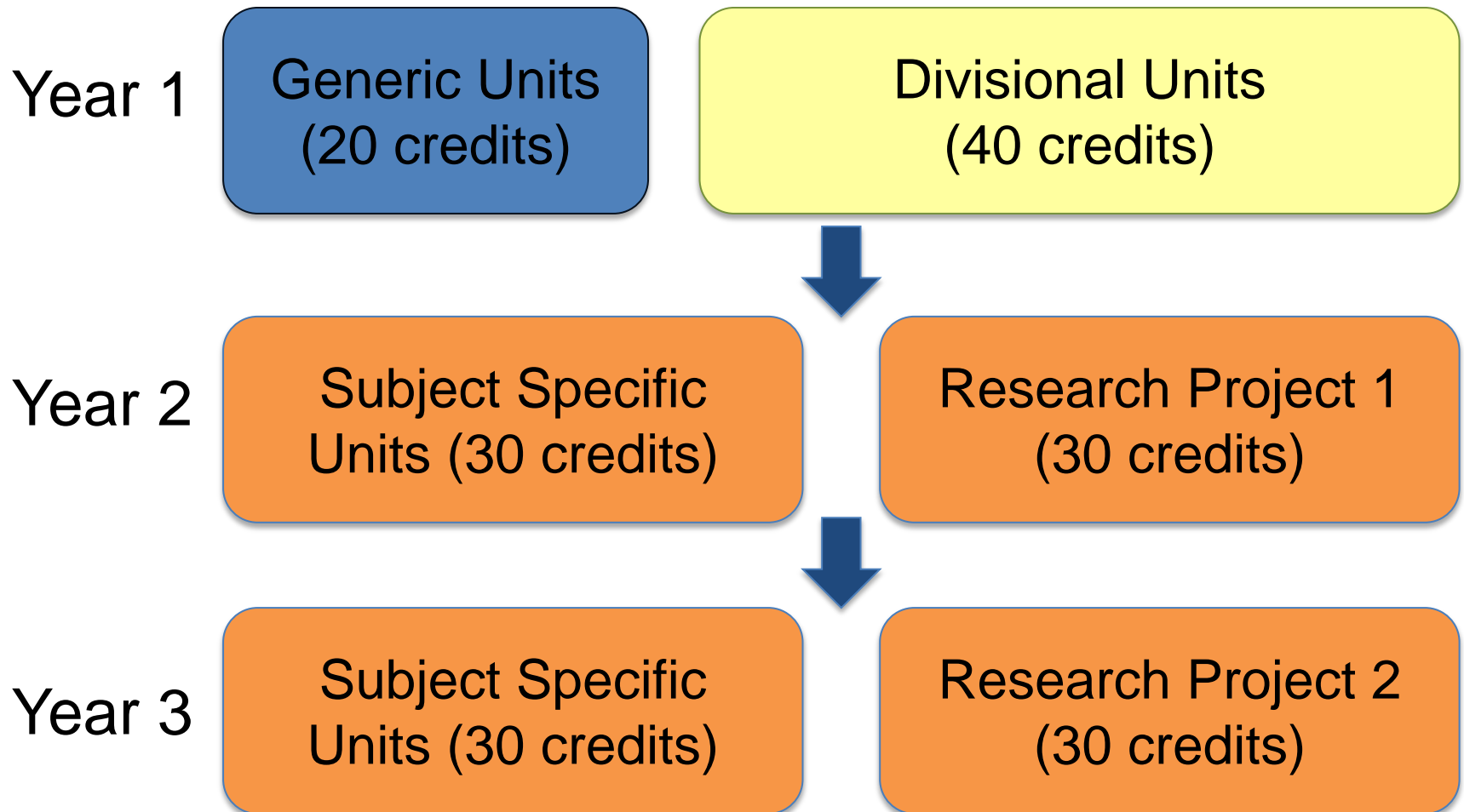
# Scientist Training Programme (STP)

3 year training programme consisting of:

- Academic: MSc Clinical Science
  - Delivered by selected universities
- Workplace Professional Training: OneFile
  - 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 2019

# Other Preferred Providers

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

# Application for STP

- Applications open 9 Jan 2019
- Closing date is Friday 8 Feb 2019
- 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/>