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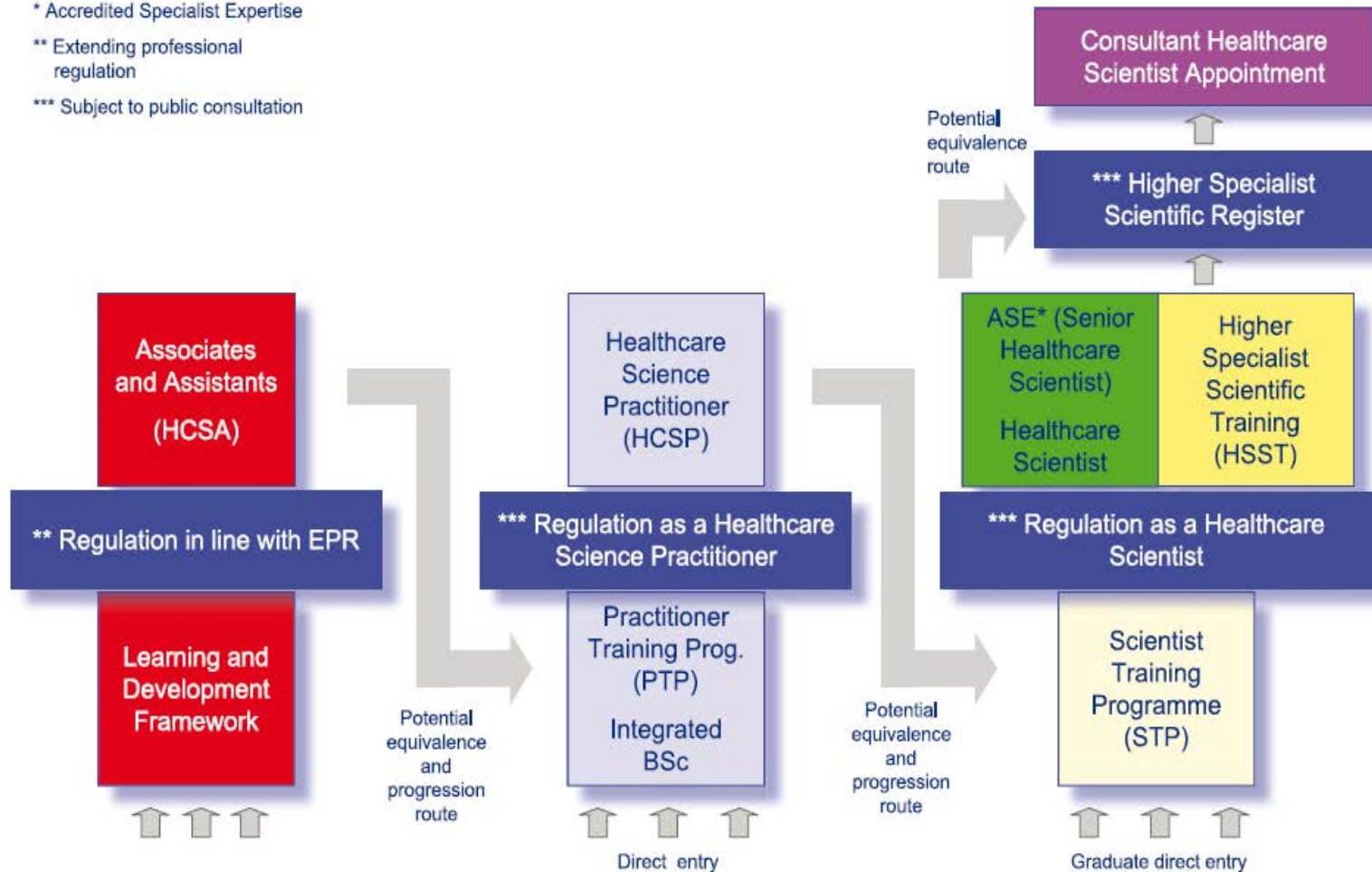
MAHSE

- History & Guiding Principles
- Current Education Provision
- Future Direction
- MAHSE & BBTS

Aims of “Modernising Scientific Careers”

- Creation of a world class interdisciplinary workforce, which is integrated into multi-professional teams delivering high quality patient-centred healthcare
- World leading in knowledge creation and service development through near patient research and innovation, with rapid translation into practice
- Continually improving clinical service through evidence based practice.

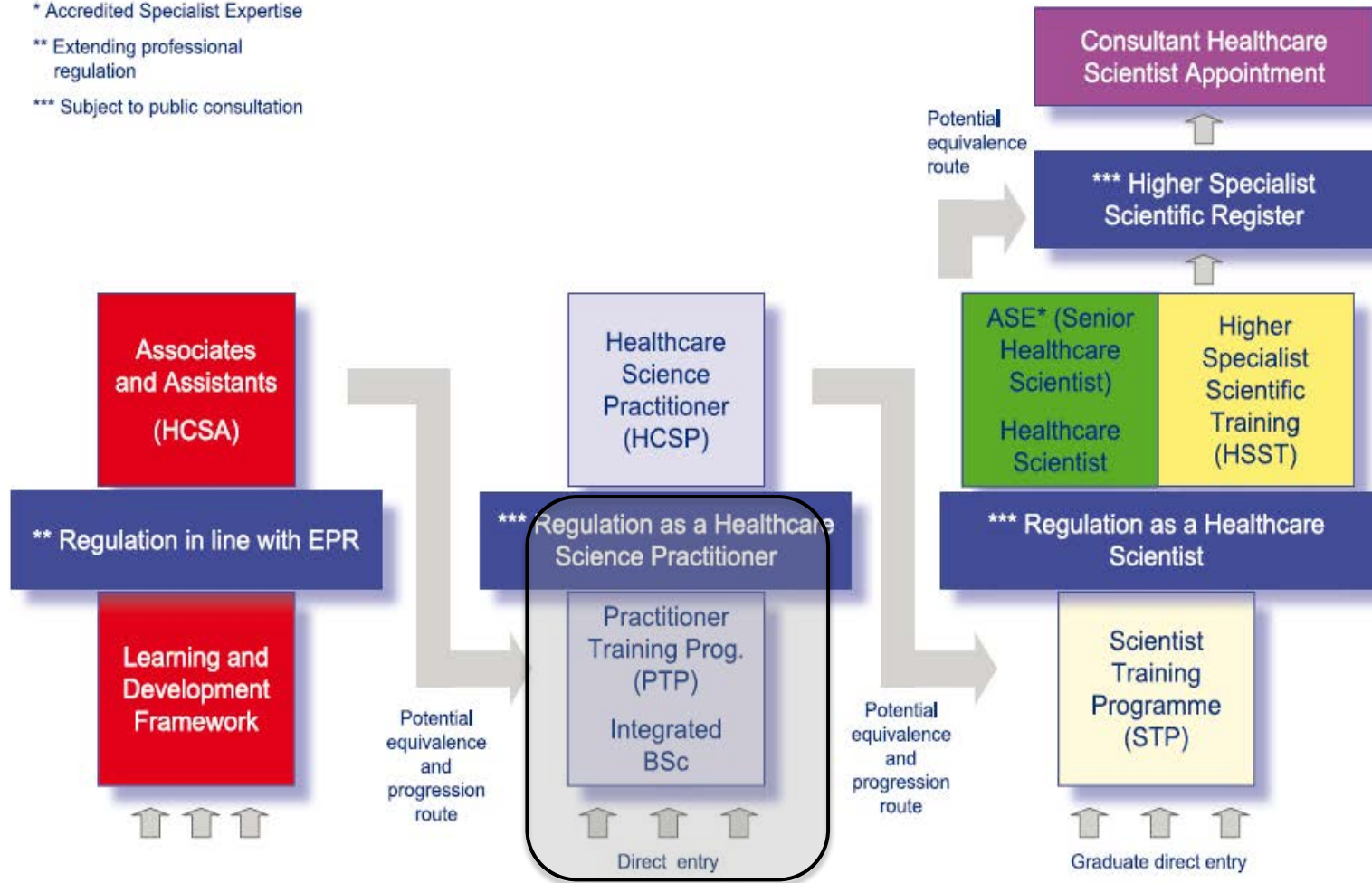
- * Accredited Specialist Expertise
- ** Extending professional regulation
- *** Subject to public consultation



- Created in Jan 2012 as a response to DH MSC initiative
- Partnership between HEIs, NHS, workforce and professional bodies
- Encourages innovation and sharing of good practice
- Support and develop PTP/STPs delivered in Northwest



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Healthcare Science Practitioner (PTP)

BSc Healthcare Science (MMU & UoM)

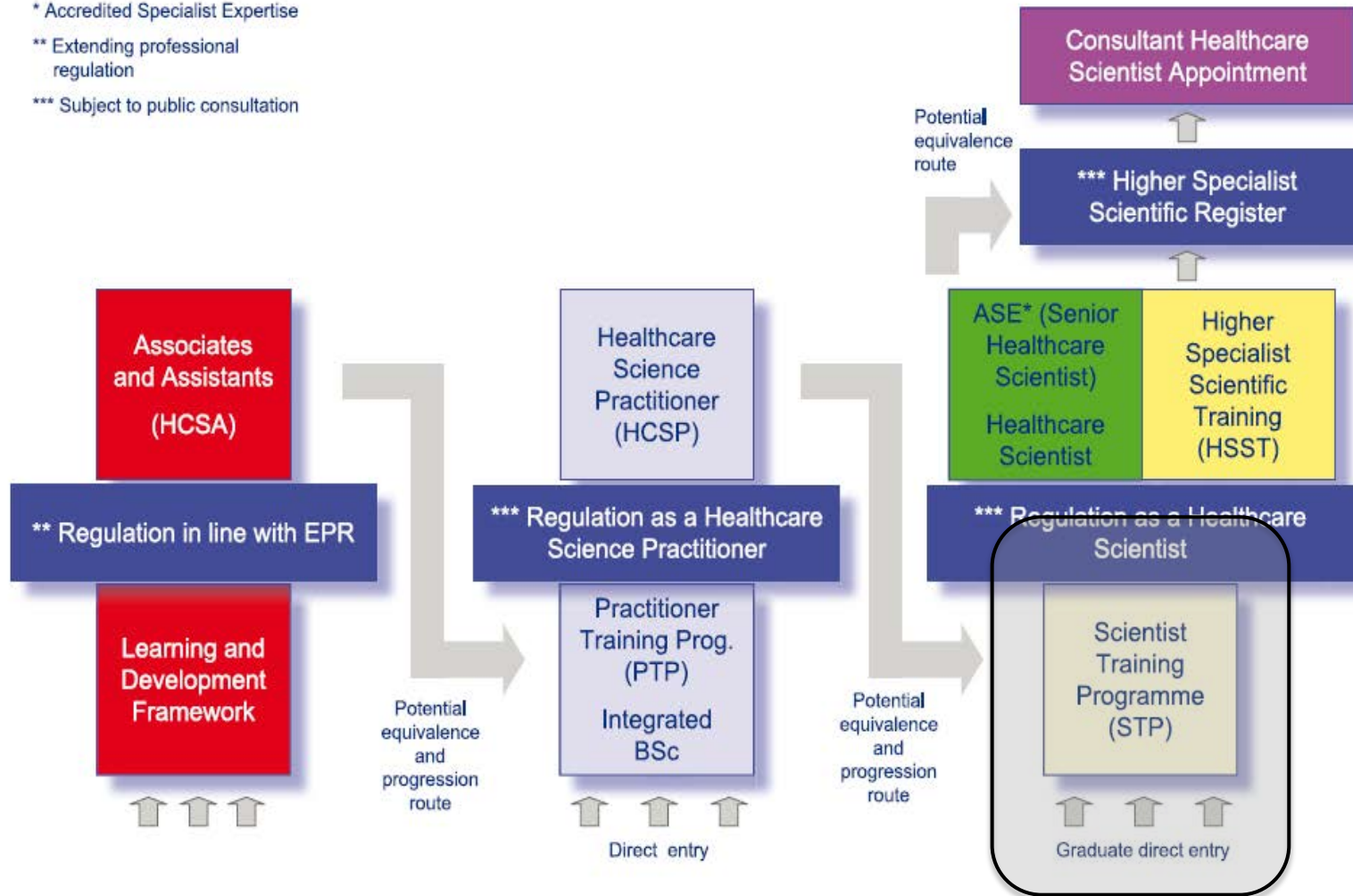
Life Sciences

- Blood Sciences
- Cellular Sciences
- Genetic Sciences
- Infection Sciences

Physiological Sciences

- Cardiac Physiology
- Respiratory and Sleep Physiology
- Neurophysiology

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Physiological Sciences

CCVRS

- Cardiac
- Critical Care
- Vascular
- Respiratory
- 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
- Imaging Informatics

Life Sciences

Cellular Sciences

- Histology
- Cytopathology
- Reproductive Sciences

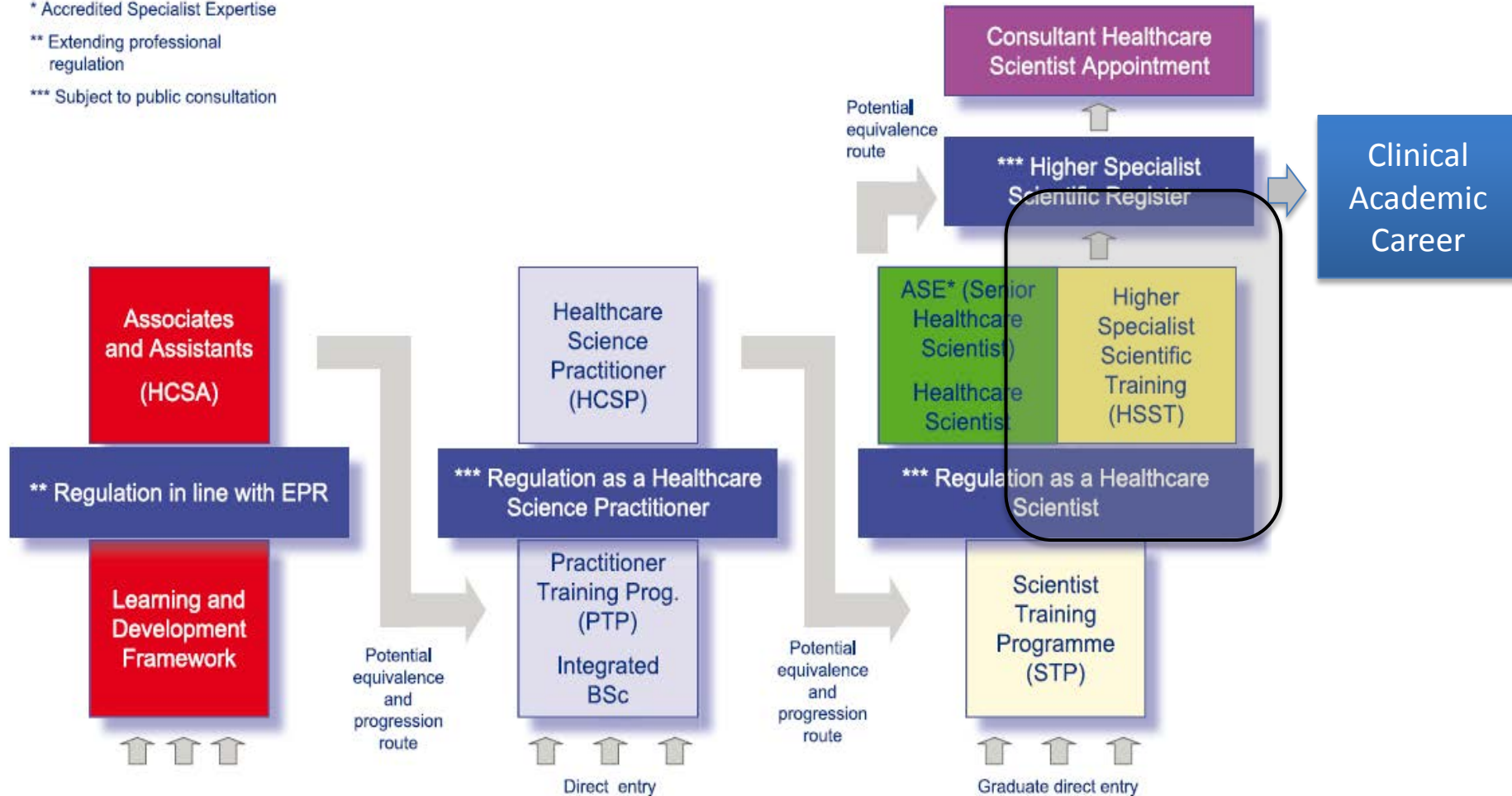
Blood Sciences

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

Infection Sciences

- Bacteriology
- Virology

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Higher Specialist Scientist Training (HSST)

- 5 yr Professional Doctorate (Physical/Physiological Sciences)

DClinSci

Section A: Leadership & Professional Development (120 credits)

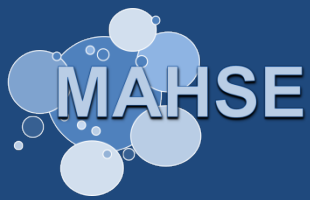
Section B: Specialist Scientific Clinical Programme (180 credits)

Section C: Research, Development & Innovation (240 credits)

Multiple Co-ordinated University Delivery: MAHSE as hub
(co-ordinating body) and UoM, UoS, MMU, UoL,

Future Direction

- HSST
- Education of Existing Workforce: Accredited Scientific Practice, MAHSE CPD
- Research and Innovation: Internships, workshops, online resources



Manchester Academy for
Healthcare Scientist Education



MAHSE & BBTS