

HSST: Life Sciences Programme Structure

Year 1	Module A1: Professionalism and Professional Development in the Healthcare Environment (30 credits)	Section B: Specialist Scientific Clinical Programme – FRCPATH Part 1 (75 credits)		
Year 2	Module A2: Theoretical Foundations of Leadership (20 credits)	Section B: Specialist Scientific Clinical Programme – FRCPATH Part 1 (75 credits)		
Year 3	Module A3: Personal and Professional Development to Enhance Performance (30 credits)	Module A4: Leadership and Quality Improvement in the Clinical and Scientific Environment (20 credits)	Module C1: Doctoral Research and Innovation in Clinical Science (70 credits)	
Year 4	Module A5: Research and Innovation in Health and Social Care (20 credits)	Module C2: Research Project (200 credits over Years 4 and 5)		
Year 5	Module C2: Research Project (200 credits over Years 4 and 5)			

Module Titles

Section A: Leadership and Professional Development (120 credits)

All Clinical Scientists in HSST will complete these generic units together at the Manchester Business School, University of Manchester. Those students who are not completing the full professional doctorate could exit, after completing these modules, with a Diploma in Leadership and Professionalism for Healthcare Sciences.

Module	Title	Year	Credit Rating
Module A1	Professionalism and Professional Development in the Healthcare Environment	1	30
Module A2	Theoretical Foundations of Leadership	2	20
Module A3	Personal and Professional Development to Enhance Performance	3	30
Module A4	Leadership and Quality Improvement in the Clinical and Scientific Environment	3	20
Module A5	Research and Innovation in Health and Social Care	4	20

Section B: Specialist Scientific Clinical Programme (150 credits)

These are specialist specific modules relevant to the specialism the Student is completing. Some of these modules will be available as stand-alone CPPD units.

Section C: Research, Development and Innovation (270 credits)

The research project will be carried out at the Student's base hospital with academic supervision by an appropriate expert in the field. The aim of the project is to improve health and health outcomes and may include scientific, clinical, service transformation, innovation, leadership, policy, education or educational research. It is split into two units:

- **Module C1: Doctoral Research and Innovation in Clinical Science (70 credits):** the purpose of this module is to assess each trainee's ability to conceive an innovation in healthcare science and critically reflect on the relevant literature as well as any barriers to the implementation of the innovation (there is no requirement for primary research).
- **Module C2: Research Project (200 credits):** this is a substantial research project undertaken in years 4 and 5 which may be, but does not have to be, based on the innovation project planned in C1.