STP Open Day
Blood Sciences

January 2016

MANCHESTER 1824
The University of Manchester
Manchester Metropolitan University
University of Salford MANCHESTER

Blood Sciences

Individual disciplines

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

Programme Structure

Year 1

Professional Practice (15 credits)	**Analytical Methods** (15 credits)	**Introduction to Blood Sciences** (30 credits) • *Clinical Immunology* • *Clinical Biochemistry* • *Haematology and Transfusion Science* • *Genetics and molecular science*

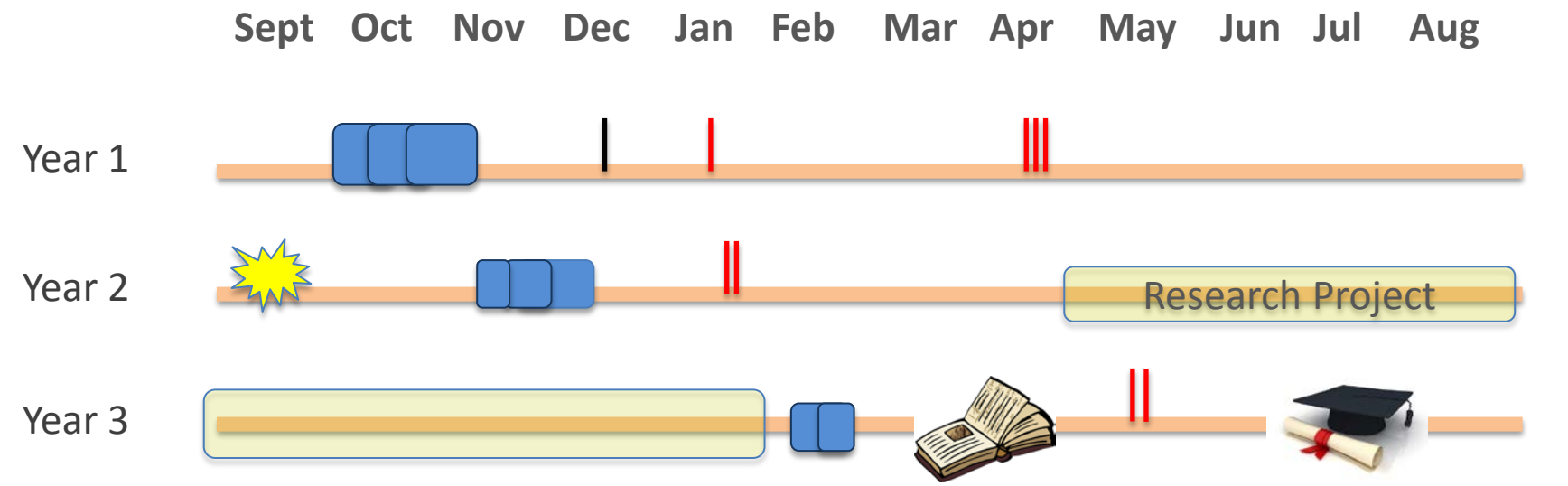
Year 2

Clinical Biochemistry	Clinical Immunology	Histocompatibility & Immunogenetics (H&I)	Haematology & Transfusion science
Research Methods			Clinical Haematology (10 credits)
Diseases of the Major Organs (15 credits)	Immunology and Infection (15 credits)	Histocompatibility (15 credits)	Transfusion (10 credits)
Endocrinology (15 credits)	Immunodeficiency and Immunotherapy (15 credits)	Immunodeficiency and Immunotherapy (15 credits)	Research Methods (10 credits)
Research Project (30 credits)	Research Project (30 credits)	Research Project (30 credits)	Research Project (30 credits)

Year 3

Nutrition & Drug Monitoring (15 credits)	Adv Clinical Immunology (30 credits) • *Hypersensitivity & Allergy* • *Haematology Malignancy & Transplantation* • *Autoimmunity*	Advanced H&I (30 credits) • *Hypersensitivity & Allergy* • *Haematology Malignancy & Transplantation* • *Haemopoetic stem cell Transplantation*	Haemostasis (10 credits)
Paediatric Biochemistry (15 credits)			Haematological Malignancy (10 credits)
			Transfusion 2 (10 credits)
Research Project (30 credits)	Research Project (30 credits)	Research Project (30 credits)	Research Project (30 credits)

MSc Timeline example (Biochemistry)



Teaching block in Manchester

Assignment deadline

Exam in Manchester

Project idea / research proposal submitted

Dissertation deadline

Delivery Timetable

Year 1: 6 week block (Nov-Dec)

Year 2: 5 weeks (max) – may consist of single or multiple week blocks depending on specialist pathway

Year 3: 4 weeks (max) – may consist of single or multiple week blocks depending on specialist pathway

Research Project:

Completed between end of taught units in year 2 and beginning of taught units in year 3 (Base hospital)

Credit weightings

- **180 credits in total**
  - 120 credits taught
  - 60 credits research project
  - 1 credit = 10 hours study; 1 hour contact, 9 hours self directed (varies between programmes)
- **National School stipulates 1 day/week academic work**
  - **Does not** include OLAT
  - **Does not** include time in Manchester

Teaching delivery

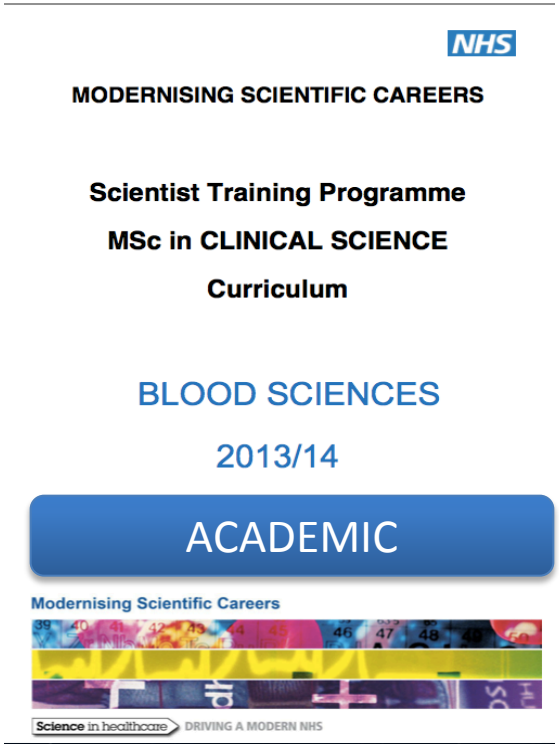
- **Block Release**
- **Varied sessions:**
  - Face-2-face lectures
  - Recorded lectures
  - E-learning packages
  - Workshops
  - Group work
  - Problem based learning
  - Simulated scenarios

- **Taught by academics but mostly NHS professionals.**

Blood Science Programme members

Phil Macdonald (Clinical Lecturer)	Programme Director / Biochemistry pathway lead	philip.macdonald@manchester.ac.uk
Kath Hayden (NHS) (Consultant Biochemist)	Clinical lead (Biochemistry)	Katharine.Hayden@CMFT.nhs.uk
Catherine Bennett (Clinical Lecturer)	Clinical Immunology Pathway Leads	catherine.bennett-2@manchester.ac.uk
Joanne Pennock (Lecturer)		joanne.l.pennock@manchester.ac.uk
Anthony Rowbottom (NHS) (Consultant immunologist)	Clinical lead (Immunology)	Anthony.Rowbottom@lthtr.nhs.uk
Amanda Robson (NHS) (Principal Clinical Scientist)	Clinical lead & H&I pathway lead	Amanda.Robson@cmft.nhs.uk
Ciaren Graham	Haematology & Transfusion pathway lead	c.graham@mmu.ac.uk

NHS Curriculum


NHS

MODERNISING SCIENTIFIC CAREERS

Scientist Training Programme

MSc in CLINICAL SCIENCE

Curriculum

BLOOD SCIENCES

2013/14

ACADEMIC

Modernising Scientific Careers

Science in healthcare DRIVING A MODERN NHS


NHS

MODERNISING SCIENTIFIC CAREERS

Scientist Training Programme

Work Based Training

Learning Guide

BLOOD SCIENCES

2012/13

WORKPLACE

http://www.networks.nhs.uk/nhs-networks/msc-framework-curricula

Information

www.mahse.co.uk

Thank you

Questions??