



## What is MAHSE?

MAHSE is a partnership between the University of Manchester (UoM), Manchester Metropolitan University (ManMet) and the University of Salford (UoS), as well as leading Healthcare Scientists from partner NHS Trusts.

The purpose of MAHSE is to:

- Co-ordinate development of healthcare science programmes
- Support trainees and their supervisors on Manchester programmes
- Co-ordinate development of CPD opportunities for Healthcare Scientists
- Facilitate effective communication amongst key stakeholders in order to share good practice and stimulate innovation

## Resources

The programme recommends that all students doing Introduction to Clinical Bioinformatics to attend the MOOC course, register on the link below

<https://www.futurelearn.com/courses/bioinformatics>

## MAHSE Contact Details

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## Manchester Academy for Healthcare Scientist Education (MAHSE)

Supporting the delivery of Healthcare Scientist education



Clinical Bioinformatics

Clinical Bioinformatics

Telephone: 0161 306 4552

## Programme Outline

The MSc Clinical Science (Clinical Bioinformatics) programme is a 3-year part time Masters that provides all of the academic content required for the Clinical Bioinformatics Scientist Training Programme (STP).

### Block release

Each module is structured into blocks of teaching in order to be incorporated alongside the professional workplace training.

### Timetable

The table opposite shows the content and timetable for the each pathway. Year 1 contains generic and introductory content. The first block of teaching has been scheduled to take place from **Monday 2 October until Friday 20th October 2017 (inclusive)**. This initial block of teaching will be followed by two one-week blocks in the North West;

**22 - 26 January and 5 - 9 February 2018**. Years 2 and 3 contain more specialist, pathway specific modules. All degrees are awarded by the University of Manchester with the exception of Physical Sciences that is awarded by the University of Liverpool.

Year 1	Year 2	Year 3
<b>All Pathways:</b>  Modules 3 weeks Oct (UoM)  1 week January / 1 week February  <ul style="list-style-type: none"> <li>Professional Practice</li> <li>Introduction to Clinical Bioinformatics 1</li> <li>Introduction to Clinical Bioinformatics 2</li> </ul>	<b>Specialisms:</b>	
	<b>Genomics [Manchester]</b>	
	Modules 2 weeks November and 1 wk January/February <ul style="list-style-type: none"> <li>Programming</li> <li>Advanced Clinical Bioinformatics</li> </ul>	Modules 1 week December, 2 weeks Feb /March <ul style="list-style-type: none"> <li>Applied Clinical Bioinformatics</li> </ul>
	<b>Health Informatics [Manchester]</b>	
	Modules Over 2 weeks Nov, 3 days January (UCL) 2 days January <ul style="list-style-type: none"> <li>Health Informatics 1</li> </ul>	Modules part of 1 wk Nov (UCL) Part of 1 wk late Jan and 1 week in Feb <ul style="list-style-type: none"> <li>Health Informatics 2</li> </ul>
	<b>Physical Sciences [Liverpool]</b>	
Modules 1 wk Oct, 2 wks Nov, 1 wk Dec, 2 wks June <ul style="list-style-type: none"> <li>Medical Statistics &amp; Experimental Design</li> <li>Applied Physical Sciences</li> <li>Radiobiological Modelling</li> <li>Advanced Physical Sciences</li> </ul>	Modules <ul style="list-style-type: none"> <li>Research Project</li> </ul>	
<b>All Pathways:</b> Research Methods (Year 2) Research Project (Years 2/3) - except Physical Sciences (Year 3)		

### Support

The Programme Directors are Professor Andy Brass and Dr Ang Davies. Mr Andrew Devereau is the programme's Clinical Lead. The Health Informatics pathway lead is Dr Georgina Moulton and the temporary Physical Sciences pathway lead is Dr Helen Boston.

### Travel and Transport

Teaching will take place on the main UoM and UoL campuses. The sites are within easy reach of main rail and motorway links. Some teaching for Health Informatics will take place at UCL (teaching at UoM unless otherwise stated).

### Accommodation

University accommodation is scarce during the first semester so you will probably require private accommodation during your first year. Details about suitable accommodation options are available on the MAHSE portal. Access to the MAHSE portal will be given to all new trainees.