



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 requires that all students doing Introduction to Clinical Bioinformatics must attend the MOOC course, register on the link below:

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

Start dates will become available from the first week in September and **students must complete the course by 12 October 2018.**

MAHSE Contact Details

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Clinical Bioinformatics

Manchester Academy for Healthcare Scientist Education (MAHSE)

Supporting the delivery of Healthcare Scientist education



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 1 October until Friday 19 October 2018**. This initial block of teaching will be followed by teaching blocks in the North West; **21 - 25 January and 4 - 8 February 2019**.

Students undertaking the **Genomics pathway** of this programme will also be required to attend teaching in Manchester during the following additional blocks, **19 – 23 November 2018** and **11 – 15 February 2019**.

	Year 1	Year 2	Year 3
All Pathways: Modules 3 weeks Oct (UoM) 1 week Jan and 1 week Feb <ul style="list-style-type: none"> Professional Practice Introduction to Clinical Bioinformatics 1 Introduction to Clinical Bioinformatics 2 Genomics Pathways: 1 week Nov and 1 week in Feb <ul style="list-style-type: none"> Programming Next Generation Sequencing 		Specialisms:	
		Genomics [Manchester]	
		Modules 2 weeks Nov 1 week Jan/Feb <ul style="list-style-type: none"> Programming Advanced Clinical 	Modules 1 week Dec 2 weeks Feb - Mar <ul style="list-style-type: none"> Applied Clinical Bioinformatics
		Health Informatics [Manchester]	
		Modules 2 weeks Nov 1 week Jan - Feb <ul style="list-style-type: none"> Health Informatics 1 	Modules 1 week Nov, Jan and Mar <ul style="list-style-type: none"> Health Informatics 2
		Physical Sciences [Liverpool]	
	Modules 1 week Oct, Jan and Feb 2 weeks Mar <ul style="list-style-type: none"> Medical Statistics & Experimental Design Applied Physical Sciences Radiobiological Modelling Advanced Physical Sciences 	Modules <ul style="list-style-type: none"> Research Project 	
	All Pathways: Research Methods (Year 2) Research Project (Years 2/3) - except Physical Sciences (Year 3)		

Please note: Year 2 and Year 3 dates are draft and subject to change

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.

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.

MAHSE Portal

The portal is for all trainees at Manchester and has further details about each programme. To register on the site go to: <https://portal.mahse.co.uk>, enter the password mahse18, then click on the register button (top right of screen) to create an account. Under STP student registration click the *sign up button*, then complete the required details and click to *register my account*. Please note this registration is for the online forum only. You will still be required to complete a separate University registration process.

Contact Us

Please contact the Programme Administrator with any programme specific enquiries:

clinical.bioinformatics@manchester.ac.uk,