

MSc by Thesis

HYMS offers a number of research degrees, including MSc by Thesis. This degree is open to those from a wide range of backgrounds, both clinical and non-clinical. An MSc by Thesis at HYMS takes one year full-time. You can also opt to take it part-time over two years.



You will be required to conduct an independent research project for your MSc by Thesis, on a subject covered by one of the HYMS research centres or units. Since the MSc by Thesis is done over a shorter period of time than a PhD or MPhil, your project will be smaller but you will still be able to undertake original research. It is ideal if you want to get involved in postgraduate research without committing straightaway to a longer degree and bigger project.

A wide range of MSc projects can be undertaken at HYMS. Current students are researching topics as diverse as interstitial lung disease, cystic fibrosis, care of the newborn infant, and the development of new methods for analysing cell: cell interactions in tissue using a micro-fluidic based approach.

As an MSc by Thesis student at HYMS, you will also need to take part in the HYMS Postgraduate Training Scheme, which provides you with opportunities to develop your specialist and transferable skills. More information about this can be found at: <http://www.hyms.ac.uk/postgraduate/postgraduate-training-scheme.aspx>

Applying and fees

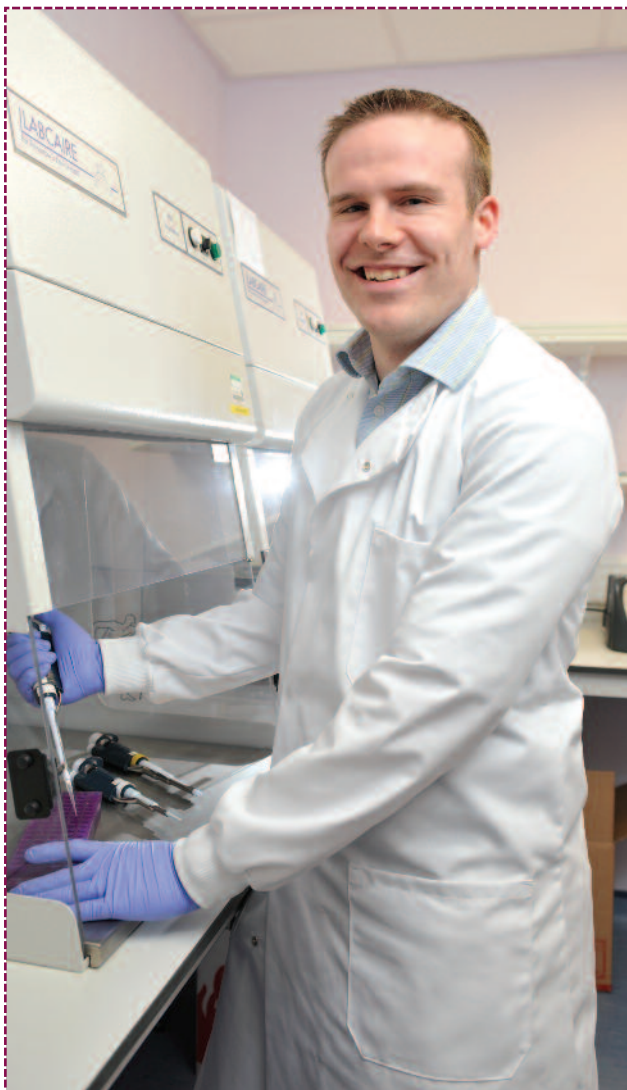
All HYMS research centres and units are able to take MSc by Thesis students. If you would like to apply to do a research degree at HYMS you are strongly encouraged to discuss your proposed project with the appropriate head of centre or unit or potential supervisor before putting in an application. Further information about HYMS centres and units can be found on the HYMS website: <http://www.hyms.ac.uk/research>

To be eligible for admission onto a HYMS research degree you must have a good first degree. If English is not your first language, you must also have an IELTS score of 7.0 or higher.

Applications should be made through the online admissions system, which can be accessed via the HYMS website: <http://www.hyms.ac.uk/postgraduate/applying-for-postgraduate-study.aspx>

For information on annual fees for the HYMS programmes, please visit: <http://www.hyms.ac.uk/postgraduate/fees-bursaries-funding.aspx>

MSc by Thesis at HYMS – Student perspective



I am an MSc by Thesis student at HYMS, with an Academic Clinical Fellowship (ACF) in Respiratory Medicine. Following completion of my undergraduate medical degree at the University of Dundee, I worked in Edinburgh as a Foundation Doctor. This included a rotation in respiratory medicine, which sparked my interest in this speciality, particularly interstitial lung diseases. I have always been interested in medical research as a way to improve our understanding of human disease, so I chose to move to East Yorkshire to start an ACF.

I am undertaking research on interstitial lung disease, specifically the aetiology and pathogenesis of idiopathic pulmonary fibrosis (a scarring lung condition of unknown cause which has a prognosis worse than many cancers). Working in the Department of Cardiovascular and Respiratory Studies at Castle Hill Hospital, under the guidance of Professor Alyn Morice and Dr Simon Hart, I am recruiting patients from the interstitial lung disease clinic and analysing samples in the state of the art research laboratories in the Daisy Building. I use a wide range of research techniques including DNA extraction from whole blood, polymerase chain reaction, flow cytometry and direct immunofluorescence.

Outside work I thoroughly enjoy living in East Yorkshire, with its small East Riding villages, countryside with great walks, mountain biking to the north and excellent access to the coastal towns of Bridlington and Scarborough. There are great city links: Hull is very close, Leeds and York are nearby, and the excellent east coast rail line provides good access to London and Edinburgh.

At HYMS I'm able to pursue my research interests as well as work with patients. I am really pleased that I chose to come here to continue my career.

Dr Michael Crooks

HYMS MSc by Thesis student and Academic Clinical Fellow

“As part of my Academic Clinical Fellowship I have the opportunity to study part-time under the HYMS MSc by Thesis programme, which allows me to continue my clinical work while working towards my degree.”