



# MSc Paediatric Anaesthesia

September 2019

## Overview

Paediatric anaesthesia is an important subspecialty of anaesthesia. Children and infants present unique challenges to anaesthetists, who are involved not only in the delivery of safe anaesthesia but also in peri-operative care, pain management and in the resuscitation and stabilisation of the seriously ill or injured child.

The MSc in Paediatric Anaesthesia is a unique programme, which has been developed in partnership between the University of Manchester and the Department of Paediatric Anaesthesia at the Royal Manchester Children's Hospital. The programme draws on the high level of knowledge and expertise available at RMCH, and will provide students with the breadth and depth of knowledge and understanding expected from paediatric anaesthetists today.

The MSc is a part-time postgraduate programme, running over three years, making full use of a blended learning approach. It will be flexible enough for full-time professionals to undertake, and will consist of online distance-learning, supplemented by face-to-face study days at the University of Manchester. We offer three exit points - PGCert (1 year), PGDip (2 years), and MSc (3 years).

## Course Structure

### Year 1

- Unit 1: Fundamentals of Epidemiology
- Unit 2: Evidence Based Practice
- Unit 3: Applied Basic Science in Paediatric Anaesthesia
- Unit 4: Safeguarding Children and Young People; Ethics and Consent

### Year 2

- Unit 5: Research Methods
- Unit 6: Paediatric Anaesthesia for Special Cases
- Unit 7: Trauma and Acute Surgery
- Unit 8: Paediatric Critical Care and Resuscitation Medicine

### Year 3

Under supervision, students will produce a research dissertation. This will involve identifying research questions, developing the design of a research project, carrying out the research, analysing the data and then writing up the project. This will usually be in the format of a report based dissertation or systematic review. Submission in another format may be permitted by prior approval by the Programme Director.

## Face-to-face Teaching

The maximum expected attendance is for 2 study days per unit (a maximum of 6 per year) which are compulsory to attend. The study days will be held at the University of Manchester and dates are provided at the start of the year.

# Entry Requirements

## Academic

We require you to hold a Fellowship of the Royal College of Anaesthetists (FRCA) or Fellowship of the College of Anaesthetists of Ireland (FCAI) or equivalent.

You should also have relevant ongoing clinical experience involving paediatric anaesthesia, with acute management of ill and injured children essential.

APLS and GCP courses are desirable.

## English language

Students whose first language is not English will be required to provide evidence of English language proficiency. The minimum requirements accepted on this programme are:

- IELTS - minimum 6.5 overall with 6.0 in writing, or
- TOEFL: 90 internet-based (with 22 in each component).

This test is only valid for two years, your English test must be valid on the start date of the course

## How to apply

You'll need to complete and submit our [online application form](#) to apply for your master's course in Paediatric Anaesthesia. On the form, fill the options as follows:

- **Academic Career:** Postgraduate Taught
- **Mode of Attendance:** Part-time
- **Programme Description:** Paediatric Anaesthesia

Your application form must have the following documents:

- official degree certificates (with translations if not in English);
- official academic transcripts of previous study showing the subjects taken and grades obtained
- one academic/professional references on letter headed paper, signed and dated. Unfortunately, we cannot request references from your referees on your behalf;
- proof of English Language certification (if appropriate).

You are also encouraged to provide:

- a personal statement\* of approximately 250-500 words about the reasons for your interest in this course;
- a CV\* including details of relevant professional clinical experience, FRCA/FCAI registration and visa status for overseas applicants.

\*When not provided, we reserve the right to request these documents should they be needed to make a decision on your application.

## Course Fees

For entry in the academic year beginning September 2018, the tuition fees are as follows:

MSc (part-time)

UK/EU students (per annum): Year 1 £3,900; Year 2 £3,900; Year 3 £1,950

For further information, please contact the Postgraduate Admissions Team:

+44 (0)161 275 5220

[pgtaught.medicine@manchester.ac.uk](mailto:pgtaught.medicine@manchester.ac.uk)

<https://www.bmh.manchester.ac.uk/>