

# Human Clinical Embryology and Assisted Conception

Infertility is a common problem with approximately 1 in 7 couples of reproductive age being diagnosed as infertile - equating to 72.5 million people globally - and there is an increasing demand for assisted reproductive technology (ART). This course will provide a robust and wide ranging education in human clinical embryology and ART.

The MSc in Human Clinical Embryology and Assisted Conception is a new taught masters programme which has been designed to provide a robust and wide ranging education in human clinical embryology and ART (assisted reproductive technology). Students will gain a systematic understanding of clinical embryology and ART whilst developing high level laboratory skills in various aspects of clinical embryology, andrology and ART.

The emphasis of the course is on humans and clinical ART/embryology and offers practical experience in handling and preparing HUMAN gametes.

A key benefit of the programme is that it offers a unique opportunity to gain substantial exposure to an NHS IVF clinic. This will allow students to observe the practice and management of a working IVF clinic and benefit from teaching by staff involved in ART, and will be of considerable benefit for those wanting a clinical based career. The NHS IVF clinic has recently benefitted from a substantial investment in its facilities which has created a high quality clinical environment.

The blend of scientific, practical skills and the integration with an NHS facility giving students first hand experience and exposure to the workings of an NHS IVF clinic will provide students with an excellent base to enter a career in ART either in a clinical or research setting.

## Course Module

The course is divided into 6 modules:

- Module 1: Fundamental science (Semester1)
- Module 2 Advanced Applied laboratory skills in ART (Semester 1 and 2)
- Module 3: Statistics (Semester 1)
- Module 4: Running a successful ART laboratory and clinical service (Semester 2).
- Module 5: Clinical Issues and Controversies in ART (Semester 2)
- Module 6: Research Project (Semester 3)

## Entry Requirements

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1st or upper second class hours degree (lower class honours degrees will be considered under exceptional circumstances ) in the field of biological, biochemical or biomedical sciences. Doctors will also be accepted with an MBChB (or equivalent).

### English Language Requirement

<b>IELTS Overall</b>	<b>6.5</b>
Listening	5.5
Reading	5.5
Writing	6.0
Speaking	6.0

<b>Fee status</b>	<b>Fees for students starting 2017/18</b>
<b>Scottish and EU students</b>	£24,000 per year of study
<b>Rest of UK students</b>	£24,000 per year of study
<b>Overseas students (non-EU)</b>	£24,000 per year of study