



PGC/PGD/MSc Degree in Renal Transplantation Science

This part-time online course provides the opportunity for candidates to work with international colleagues under the leadership of transplant surgeons, clinicians and scientists in the UK. This course focuses on renal (adult and paediatric) and pancreatic transplantation and is delivered by experienced transplant surgeons and clinicians from various UK and reputable overseas transplant centres to enhance the exposure of the candidates to different clinical experience and practice.

The course is designed to develop knowledge and understanding of the clinical sciences underpinning transplantation and the management of every stage in the recipient and donor journey, both pre and post-surgery. All our teaching is research-connected, mapped to the current and rapidly evolving evidence base in this exciting specialty. The philosophy is for us to equip you with the knowledge, skills and attributes, underpinned by the evidence base to develop and enhance the care of your patients.

It is clinically oriented teaching without hands-on training.

A masters degree is awarded after successful completion of all 4 taught modules and successful submission of a dissertation, comprising a 10000 word extended literature review and a 2000 word research proposal.

This programme emphasises the practical implementation of clinical transplantation and fosters analysis, questioning and reasoning of the current practice, and compares it with the current best available scientific evidence. The candidates will be encouraged to formalise a treatment plan for routine, difficult and complex clinical cases. The most ambitiously equipped electronic library (e-library) of the University of Liverpool provides access to key scientific papers and textbooks covering a wide range of topics.

Structure

There are 4 modules, each of 30 credits at masters level (level 7). Each is delivered wholly online using the University virtual learning environment, which provides a high quality interface for learning, teaching and assessment. Each module runs over a 26 week period. Candidates must take the modules in order, that is: [Renal Transplantation Science](#)

Module 1: MDSC175

Module 2: MDSC174

Module 3: MDSC176

Module 4: MDSC177

Learning resources are released to students every 10 days throughout each module. These typically include:

- Keynote, interactive lectures
- Case based discussions facilitated by experts through online discussion forum
- Online journal club—critical appraisal of published literature
- Problem solving exercises
- Formative assessment tasks





Assessment

Each 30 credit module has 3 summative assessments which count to the final module mark. The pass mark at this University for masters modules is 50%. There are a range of different types of assessment for each module, including written work, posters, case reports etc.

We also provide regular informal formative assessment during the course; this approach is known to drive learning and, thereby, will enrich the learning process with a resultant long-lasting educational outcome.

Entry Requirements

A medical degree from a recognised university and must be able to access the minimum technical requirements for online study access, which will be issued by the faculty, prior to registration.

Candidates must currently be working or have worked recently in a transplant, nephrology, urology or any related subspecialty. And must be able to demonstrate prior to admission that they will have access to an appropriate work-based clinical environment in transplantation. A letter of support from their line manager confirming this is required.

English language exam (IELTS) is **NOT** required for students who studied medicine in English. For those who did not study medicine in English or whose first language is not English, evidence must be provided of their ability via one of the English language tests as detailed at <http://www.liv.ac.uk/study/international/countries/english-language/>

Typically, candidates will do an assessment such as IELTS and the required level for entry for these modules is a score of 7.0 (with a minimum score of 7.0 in each section of the test).

Awards

Students are encouraged to register for the modules on an individual basis and once you have decided on which award you wish to study for, then you transfer onto the relevant part of the programme. The awards available are:

Postgraduate Certificate in Renal Transplantation Science

Awarded after successful completion of module 1 and module 2 (60 credits) .

Postgraduate Diploma in Renal Transplantation Science

Awarded after successful completion of the four 'taught' modules (120 credits).

Masters Degree (MSc in Renal Transplantation Science)

Candidates undertaking the masters degree (MSc in Renal Transplantation Science) have to submit a dissertation (60 credits).

We welcome all our graduates to attend our graduation ceremonies which are normally held in July and December each year.

We encourage our students to publish and present their excellent assignments in peer review journal and international conferences (more than 60 publications and 25 international presentations have been achieved to date).

Please take a look at some of our key academic publications:

<http://tojdel.net/journals/tojdel/articles/v05i01/v05i01-07.pdf>

<http://www.scholink.org/ojs/index.php/wjer/article/view/849/964>

<http://www.sciedupress.com/journal/index.php/wje/article/view/11678/7465>

<http://www.sciedupress.com/journal/index.php/wje/article/viewFile/11653/7458>

Further Information (2018-19)

Price per each 30 credit module: £1200

Price for the dissertation: £3500

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